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**CURRICULUM VITAE**

**Dimitrios P. Kontoyiannis, MD, MS, ScD, PhD, FACP, FIDSA, FECMM, FAAM, FAAAS**

**PRESENT TITLE AND AFFILIATION**

**Primary Appointment**

Deputy Head Research, Division of Internal Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX

**Dual/Joint/Adjunct Appointment**

Adjunct Professor, The University of Houston, Division of Pharmacology, Houston, TX

Adjunct Professor, Department of Infectious Diseases, Baylor College of Medicine, Houston, TX

Adjunct Professor, UT Health School of Public Health, Houston, TX

**CITIZENSHIP**

United States

Greece

**OFFICE ADDRESS**

The University of Texas MD Anderson Cancer Center

1400 Pressler Street

Division of Internal Medicine, Unit 1463

Houston, TX 77030

Room Number: FCT12.5069

Phone: (713) 792-6517

Fax: (713) 563-3108

**EDUCATION**

**Degree-Granting Education**

National and Kapodistrian University of Athens, Athens, Greece, MD, 1987, Medical Science

Harvard Medical School, Boston, MA, MS, 1997, Medical Sciences (MSc)

University of Crete, Crete, Greece, DSc, 1998, Medical Thesis: Transposon mutagenesis to study azole resistance in S. cerevisiae

**Postgraduate Training**

Second Lieutenant of the Medical Corp, Greek Army, Athens, Greece, 1987-1988

Internal Medicine Resident, Department of Internal Medicine, 401 General Army Hospital, Athens, Greece, 1988-1989

Clinical Research Fellow, Section of Infectious Diseases, The University of Texas MD Anderson Cancer Center, Houston, TX, Director: Gerald P. Bodey, MD, 1989-1991

Resident in Internal Medicine, Baylor College of Medicine, Houston, TX, Director: Antony Gotto, MD, 1991-1994

Fellow in Infectious Diseases, Massachusetts General Hospital, Harvard Medical School, Boston, MA, Director: Steven B. Calderwood, MD, 1994-1998

Visiting Scientist, Massachusetts Institute of Technology, Whitehead Institute for Biomedical Research, Boston, MA, Director: Gerald R. Fink, PhD, 1995-1996

Fellow, Clinical Investigation Training Program, Division of Health Sciences and Technology-Beth Israel Deaconess Medical Center in collaboration with Pfizer, Inc., Harvard/MIT, Boston, MA, Director: Robert H. Rubin, MD, 1995-1998

Seminar in Advanced Molecular Cloning and Expression of Eukaryotic Genes, Cold Spring Harbor Laboratory, New York, NY, 7/1995-8/1995

Visiting Principal Research Investigator, Whitehead Institute for Biomedical Research/MIT, Boston, MA, Director: Gerald R. Fink, PhD, 1997-1998

MD Anderson Faculty Leadership Academy, The University of Texas MD Anderson Cancer Center, Houston, TX, 11/2004-12/2005

Graduate Certificate in Health Care Management, Rice University, Houston, TX, 10/2013-3/2014

LEADing Others Core Curriculum, Coach2 Lead, LEADing Others Discover, Leadership Institute, Houston, TX, 2020-2020

LEADing Others Discover, Leadership Institute, Houston, TX, 2020-2020

Promoting Professionalism (Virtual Training), Vanderbilt Center for Patient and Professional Advocacy, Nashville, TN, 10/2020-10/2020

**CREDENTIALS**

**Board Certification**

Diplomate, American Board of Internal Medicine, 1994, Recertification Date: 2009

Diplomate, American Board of Infectious Diseases, 1996, Recertification Date: 2021

Diplomate, Greek Board of Internal Medicine, 1997

Diplomate, Greek Board of Infectious Diseases, 2001

**Licensures**

**Active**

State of Texas, TX, #K6059, 1998

**Inactive**

Greek, #31231/97, 1987

MA, 7/1994-7/1998

**EXPERIENCE/SERVICE**

**Academic Appointments**

Assistant in Internal Medicine, Medical Walk-in Clinic, Division of Internal Medicine, Massachusetts General Hospital, Boston, MA, 1994-1998

Chief Medical Resident, VA Medical Center, Baylor College of Medicine, Houston, TX, 1994

Assistant Professor, Department of Infectious Diseases, Infection Control and Employee Health, Division of Internal Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX, 1998-2002

Adjunct Assistant Professor, Pharmacology, The University of Houston, Houston, TX, 2001-2003

Associate Professor, Department of Infectious Diseases, Infection Control and Employee Health, Division of Internal Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX, 9/2002-8/2006

Adjunct Associate Professor, The University of Houston, Division of Pharmacology, Houston, TX, 2003-2006

Adjunct Professor, The University of Houston, Division of Pharmacology, Houston, TX, 2006-present

Professor, Department of Infectious Diseases, Infection Control and Employee Health, Division of Internal Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX, 2006-present

Adjunct Professor, Department of Infectious Diseases, Baylor College of Medicine, Houston, TX, 2008-present

Adjunct Faculty, Clinical Scientist Training Program (CSTP), Baylor College of Medicine, Houston, TX, 4/2015-present

Adjunct Professor, UT Health School of Public Health, Houston, TX, 3/2018-present

**Administrative Appointments/Responsibilities**

Chief Medical Resident, Baylor College of Medicine, Houston, TX, 1994

Coordinator, Infectious Diseases Research Conferences, The University of Texas MD Anderson Cancer Center, Houston, TX, 2000-2008

Deputy Department Chair, Department of Infectious Diseases, Infection Control and Employee Health, Division of Internal Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX, 9/2008-6/2011

Deputy Head Research, Division of Internal Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX, 6/2011-present

**Other Appointments/Responsibilities**

Interviewer, Infectious Diseases Fellowship, MD Anderson Cancer Center, Houston, TX, 1998-present

**Endowed Positions**

Frances King Black Endowed Professor, The University of Texas MD Anderson Cancer Center, Houston, TX, 9/2011-2017

The Texas 4000 Distinguished Endowed Professor For Cancer Research, The University of Texas MD Anderson Cancer Center, Houston, TX, 2017-2020

Robert C Hickey Chair in Clinical Care, The University of Texas MD Anderson Cancer Center, Houston, TX, 10/2020-present

**Consultantships**

University of Houston, Department of Pharmacology, Houston, 1998-2001

Bacterial BarCodes, Inc. Scientific Advisory Board Member, Houston, TX, 2002-2004

Merck Sharp & Dohme Corp. Global Advisory Board, Whitehouse, NJ, 2008

Astellas, Inc., Illinois, 2013

Amplyx Pharmaceuticals, Inc., San Diego, CA, 2016

Matinas BioPharma Holdings, Inc., Bedminster, NJ, 2017

Jazz Pharmaceuticals, San Francisco, CA, 2017

Mayne Pharmaceuticals, Durham, NC, 2018

Pulmocide, Washington DC, 2019

Volatylix, Inc., Cambridge, MA, 2020

AbbVie, Inc., Chicago, IL, 2020

Scynexis, New Jersey City, NJ, 2020

Cidara, San Diego, CA, 2021

AbbVie, Inc., Chicago, IL, 2021

CellChorus, Houston, TX, 2022

F2G, Inc., Manchester, UK, 2022

**Military or Other Governmental Service**

Greek Army, Second Lieutenant of Medical Corp, 1987-1989

**Institutional Committee Activities**

BCM, Internal Medicine resident's evaluation committee, Internal Medicine resident's curriculum committee, Core Clerkship in Internal Medicine Students curriculum committee, House Staff Association Council, VA Medical Center medical staff committee, 1994

MDACC Immunization Vaccination and Viral Prevention Ad Hoc Infection Control Subcommittee, Vice Chairman, 1999-2003

MDACC Ad Hoc Infection Control Subcommittee for Fungal Infections, Vice Chairman, 1999-2003

MDACC Division of Internal Medicine Research Committee, Chair, 2001-2002

MDACC CME Advisory Committee, Member (Alternate), 2001-2004

MDACC Infection Control Antibiotic Utilization SubCommittee, Member, 2001-present

MDACC Study Section Review Committee for Basic Research Projects, Member, 2002-2005

MDACC Pharmacy and Therapeutics Committee, Member, 2002-2008

MDACC Institutional Animal Care and Use Committee (IACUC), Member, 2003-2006

MDACC Bridge Grant/UCF Grant Review Committee, Member, 2004

MDACC Pharmaceutical Policy & Outcomes Research Antifungal Taskforce, member, 2005-2009

MDACC Trainee Recognition Day Faculty Judges Committee, Judge, 2005

MDACC Clinical Research Evaluation Committee, Member, 2006-2009

MDACC Faculty Senate, Member, 2006-2009

MDACC Faculty Focus Group, Member, 2006-2009

MDACC Clinical Research Impact Subcommittee of the Clinical Council, Member, 2006-2010

MDACC Faculty Achievement Awards Committee, Member, 2006

MDACC Division of Internal Medicine Research Committee, Chairman, 2008-2010

MDACC TRIUMPH (Translational Research in Multi-Disciplinary Program) Committee, Member, 2008

MDACC Division of Internal Medicine Task Force: Hospitalist Program, member, 2009

MDACC Mid Tenure Review Committee, Chair, 2009

MDACC Clinical Research Advisory Committee, member, 2011-2013

MDACC, Division of Internal Medicine Executive Council, Member, 2011-present

MDACC Research Council, Member, 2012-2017

MDACC Oncolog Editorial Board, Member, 2012-2018

MDACC Dept. of Infectious Diseases, Pulmonary, Nephrology, and Endocrine, Microbiology Search Committees, Member, 2012

MDACC Pneumonia in Adult Patients with Cancer and on Therapy Algorithm Committee, member, 4/2012-present

MDACC Promotion & Tenure Committee, Member, 9/2012-8/2013

MDACC Technology Task Force, Member, 9/2012-8/2015

MDACC Faculty Mentor Award Selection Committee, Member, 2014-2018

MDACC Study Section Review Committee for Basic Research Projects, Member, 2014-2020

MDACC Search Committee for Chair of Pathology, Member, 2014

MDACC Mid Tenure Review Committee, Chair, 2014

MDACC Mentoring Advisory Committee, Member, 1/2014-present

MDACC Science That Enables: The External Review Process and Criteria, Member, 9/2014-9/2015

MDACC Molecular Testing Evaluation Committee, Member, 9/2014-9/2015

MDACC Scientific Publication Advisory Board, Member, 2015-present

BCM, Clinical Scientist Training Program, Member, 2015

MDACC Subcommittee For Translational Research Strategic Planning, Member, 4/2015-8/2015

MDACC International Advisory Board (IAB), Member, 9/2015-2017

MDACC Prophylaxis and treatment of infections in patients on check point inhibitors trials, Special Advisor, 10/2015

MDACC INTEREST - Internal Review Study Section, Member, 5/2016

MDACC Rare Diseases Working Group, Member, 8/2016

MDACC Clinical Innovator Awards, Reviewer, 10/2016

MDACC Antifungal Stewardship Working Group, Member, 2017-present

MDACC Mid Tenure CFA Review Committee, Member, 2017

MDACC Education Task Force, Member, 9/2017

MDACC Faculty Recruitment, Retention and Development Task Force, Member, 9/2017

MDACC Research Task Force, Member, 9/2017

MDACC Promotion & Tenure Committee, Member, 2018-2020

MDACC Career Resiliency Enhancement Wellness Sustainability (CREWS) Task Force, Member, 1/2018

MDACC Division of Pediatrics Mentoring Faculty, Member, 7/2018

MDACC Senior Faculty Engagement Taskforce, Member, 2019-2021

MDACC Division of Internal Medicine Educational Task Force, Co-Chair, 2019-present

MDACC Global Academic Programs, Abstract Reviewer, 2019

MDACC TT Mid-tenure Review Committee, Member, 2019

LBJ Leukemia Tumor Board, Ad Hoc Member, 2019

MDACC Working Group for Hyperbaric use for Infections, Member, 2019

MDACC Clinical Program Assessment Subcommittee, Member, 4/2019-8/2020

MDACC Academic Mentoring Advisory Committee, Member, 6/2019-2021

MDACC Faculty Vitality Taskforce, Member, 2020-2021

MDACC Division of Internal Medicine Research Committee, Member, 2020-present

MDACC Mid Tenure Review Committee, Member, 2020-present

COVID-19 Department of Infectious Diseases Journal Club, Coordinator, 3/2020-3/2022

COVID-19 Management Algorithm Task Force, Member, 3/2020-present

MDACC TMC3 Think Tank, Member, 4/2020-present

MDACC Senior Faculty Committee, Chair, 8/2020-6/2021

MDACC TMC3 Vivarium Think Tank, Member, 9/2020-3/2021

MDACC Academic Leadership Team, Member, 11/2020-4/2021

MDACC Employee Engagement Council, Member, 12/2020-3/2021

MDACC Cost of Care-Antifungals Working Group, Ad hoc expert, 2021-present

MDACC Endemic COVID19 Optimization teams, Co-lead, Infection Control-Research, 2021-present

MDACC Research COVID-19 Core Leadership Team (R-CCLT), Member, 2021-present

MDACC Leukemia Antifungal Guidelines Working Group, Member, 2021-present

MDACC, Yeast susceptibility working group, Ad hoc expert, 2021

MDACC Selection Committee for LEADership Award Winners Committee, Member, 2021

MDACC Academic Mentoring Council, Member, 2022-present

MDACC Strategic Planning Subcommittee Invest in Research Excellence/Talent/Academic Mission, Member, 2022

**HONORS AND AWARDS**

Hellenic National Scholarship, Hellenic National Scholarships Foundation, 1981-1987

Ranked 4th nationwide in the entrance examination, National and Kapodistrian University of Athens/Athens Medical School, 1981

Valedictorian, Athens Medical School, 1981-1987

Mavrokordatos Foundation Scholarship, Mavrokordatos Foundation, 1985-1987

Graduated 1st "Summa Cum Laude," Athens, Medical School, 1987

Kontoleontos Foundation Scholarship, Kontoleontos Foundation, 1989

NATO Scholarship, 1989

Certificate of Merit, The University of Texas MD Anderson Cancer Center, 1991

Chief Medical Resident, Veterans Affairs Medical Center, Baylor College of Medicine, 1994

Henry D McIntosh Outstanding Resident in Medicine Award, Baylor College of Medicine, 1994

Ranked above the 99th percentile nationwide, Baylor College of Medicine, 1994

Visiting Principal Research Investigator, Whitehead Institute for Biomedical Research/MIT, 1997

Winner in Fellow Abstract Competition, Special Citation (2 abstracts), Infectious Diseases Society of America, 1998

Invited Discussant, Clinico-Pathological Conference, Massachusetts General Hospital, Boston, MA, 2000, 2011

Fellow, American College of Physicians-American Society of Internal Medicine (F.A.C.P.), 2001-present

Award for outstanding abstract in Pathogenesis of Microbial Diseases (primary investigator), American Society of Microbiology/43th International Conference of Antimicrobial Agents and Chemotherapy Committee, 2003

Nominated for the Julie & Ben Rogers Award for Excellence, 2003

Faculty E. N Cobb Scholar Award (Research Endowment), The University of Texas MD Anderson Cancer Center, 2004-2007

Fellow, Infectious Diseases Society of America (F.I.D.S.A.), 2004-present

First place winner (mentor of Dr. M Lionakis), Bristol-Myers Squibb Trainee Recognition Day Award in Translational Research, The University of Texas MD Anderson Cancer Center for: "Drosophila melanogaster: A mini-host model to study Aspergillus virulence and the efficacy of antifungals in invasive aspergillosis", 2004

Clinical Infectious Diseases Award for Outstanding Review, 2005, 2008

First place winner (mentor of Dr. M Lionakis), research poster competition for "Combinatorial selection of targeting peptides in a murine model of invasive pulmonary aspergillosis," Annual Meeting of the Texas Academy of Internal Medicine (TAIM), 2005

First place winner (mentor of Dr. M Lionakis), research poster competition for "Drosophila melanogaster as an alternative in vivo model to study candidiasis," Bristol-Myers Squibb Trainee Recognition Day Award in Translational Research, The University of Texas MD Anderson Cancer Center, 2005

Top Reviewer, Journal Infectious Diseases, 2005

Houston's Top Doctors, H Texas Magazine, 2006

Koening Visiting Professor, Vanderbilt University, 2006

Nominee, Robert M Chamberlain Distinguished Mentor Award, The University of Texas MD Anderson Cancer Center, 2006, 2008, 2010, 2014

Ranked among top reviewers, Annals Internal Medicine, 2006

The Kimberly Patterson Fellowship in Leukemia Research (mentor of Dr. G Chamilos), 2007

The University Cancer Foundation Faculty Achievement Award For Clinical Care, The University of Texas MD Anderson Cancer Center, 2007

America's Top Physicians, Consumers Research Council of America, 2008, 2009

Elected Member, Immunocompromised Host Society Council, 2008-present

First place winner (mentor of Dr. G. Hamilos), basic research poster competition for "Drosophila melanogaster as a model host to dissect the immunopathogenesis of zygomycosis," 2nd Infections in Cancer Symposium, 2008

The Kimberly Patterson Fellowship in Leukemia Research (mentor for Dr. K. Leventakos), 2008

The Shannon Timmins Fellowship in Leukemia Research (mentor of Dr. R. Ben-Ami), 2008

IDSA Program Committee, IDSA, 2009-2012

Top Ten Papers in Medical Mycology, ICAAC Annual Meeting, 2009, 2010, 2015, 2016

Top Ten Papers in Medical Mycology, IDSA Annual Meeting, 2009, 2010, 2015

Award Winner for "Monitoring of Innate Cellular Immune Responses in Chronic Lymphocytic Leukemia-A Pilot Study," Hematologic Malignancies Conference, 2010

Featured as Innovative Researcher, *Microbe*, Official Journal of the American Society of Microbiology, 2010

Outstanding Intellectuals for the 21st Century, International Biographical Center, 2010

ASM/ICAAC fellow abstract travel award (mentor for Dr. Manuri), 2011

Fellow Abstract Travel Award (mentor for Dr. Chitasombat), IDSA, 2011

Frances King Black Endowed Professorship, The University of Texas MD Anderson Cancer Center, 2011

Invited Keynote Speaker, Golden Jubilee, German Mycology Society, 2011

Provost's Distinguished Clinical Faculty Mentor Award, The University of Texas MD Anderson Cancer Center, 2012

Billy H Cooper Memorial Award, Medical Mycology Society of Americas, 2013

Fellow Abstract Travel Award (mentor for Dr. Farmakiotis), IDSA, 2013

First place winner (Dr. F Shirazi), basic research poster competition, 3rd Infections in Cancer Symposium for "Azoles and hyperthermia induced apoptosis in R oryzae," The University of Texas MD Anderson Cancer Center, 2013

Key Note Lecturer, Division F, Annual American Society of Microbiology Meeting, 2013

Second place winner (mentor for Dr. F. Shirazi), Amgen Trainee Recognition Award in Basic Research for "An obesity Drosophila model of mucormycosis," The University of Texas MD Anderson Cancer Center, 2013

American Society for Microbiology Distinguished Lecturer, 2014-2016

Clinical Research Mentor Category Winner (mentor of Dr. D. Farmakiotis), Medicine Housestaff Research Symposium, Baylor College of Medicine, 2014

Inaugural R. Lee Clark Fellowship, physician scientist category (mentor of Dr. Samuel Shelburne), The University of Texas MD Anderson Cancer Center, 2014-2016

Mycoses Study Group Steering Committee, 2014

President's Recognition for Faculty Excellence, 2014

Americas Top Doctors, 2015

Drouhet Life Time Achievement Award in Mycology, European Federation of Medical Mycology/EORTC, 2015

Faculty Educator of the Month, The University of Texas MD Anderson Cancer Center, 2015

A. Milton Huppert Graduate Student Award, Medical Mycology Society of America (Mentor of Alexander Tatara), 2016

Among the 100 Most Influential Scientists of Greek Descent, https://www.yumpu.com/en/document/view/55602879/mostcitedgreekscientists/, 2016

Award Winner, Best Poster for the Clinical Cyrus Scholar Award (Mentor of Alexander Tatara), Division of Internal Medicine Research Retreat, 2016

Elected Inaugural Member at Large on the Board of Directors, Mycoses Study Group Education and Research Consortium, 2016-present

Emeritus Member, Paul-Ehrlich-Society, 2016-present

Inaugural Emeritus Fellow, Academy of the European Confederation of Medical Mycology, 2016-present

Keynote Speaker, ICHS Meeting, 19th ICHS Santiago, Chile, 2016

Master Clinicians Panel, Difficult Cases in Infectious Diseases, ID Week, 2016

Maxwell Littman Award, Medical Society of New York, 2016

President Elect, Immunocompromised Host Society, 2016-2018

TJ Walsh Junior Faculty Award, Medical Mycology Society of America (Mentor of D. Farmakiotis, MD), 2016

Best Doctors In America, 2017-2018, 2019-2020

Fellow, American Academy of Microbiology, 2017

Fellow, American Association for the Advancement of Science, Elected for "Distinguished contributions to medical/ translational mycology through advances in antifungal pharmacology, study host defenses against fungi, novel diagnostics, clinical trials, professional service and life-saving patient care", 2017

Global Academic Programs Best Poster Award, The University of Texas M.D. Anderson Cancer Center, 2017

Honorary Doctorate (PhD, *honoris causa*), National and Kapodistrian University of Athens, 2017

Medical Scholar Award (Mentor of Alexander Tatara), IDSA Foundation, 2017

The Texas 4000 Distinguished Endowed Professor for Cancer Research, 2017

Top Mycology Expert Worldwide, Expertscape.com, 2017-present

Board of Directors, Secretary, Mycoses Study Group Executive Committee, 2018

Elected Member, in class II-Medicine, European Academy of Sciences and Arts (Academia Scientiarium et Artium Europaea), 2018-present

Keynote Speaker, 16th InFocus, Santiago de Cali, Colombia, 2018

Lifetime Award for Excellence in Clinical Microbiology and Infectious Diseases, European Society of Clinical Microbiology and Infectious Diseases, 2018

Program lead, MDACC Diamond Status of Excellence in Mycology, European Confederation of Medical Mycology, 2018

2019, Listed in the 1% of most highly cited and influential researchers world-wide, Web of Science Group, 2019-present

First place winner (mentor of Dr. S Wurster), Bristol-Myers Squibb Trainee Recognition Day Award in Translational Research, The University of MD Anderson Cancer Center for, "Establishment of a novel high-throughput fungal infection model in zebrafish larvae by controlled ablation of epithelial cells", 2019

ID Week 2019 Fellow Abstract Travel Award (Mentor for Dr. D. Axel-House), 2019

Invited Speaker, Leukemia Department Legends Series, The University of Texas MD Anderson Cancer Center, 2019

Nominated for the University of Texas System Kenneth I Shine, MD Academy of Health Science Education, 2019

Rhoda Benham Lifetime Achievement Award in Medical Mycology, Medical Mycology Society of the Americas, 2019

Senior chair, American Society of Transplantation and Cellular therapy guidelines for prevention and management of aspergillosis, 2019-2021

Senior lead, CDC/MSG ERC/EFMM consensus panel for guidance of the role of molecular techniques to identify fungi in tissues, 2019-2021

Top Mycology Expert in fungal lung disease, Expertscape/Medscape, 2019

"World Expert" in Mycology (top 0.1% of scholars writing about Mycoses over the past 10 years), Expertscape, 2020-present

2020 Excellence in LEADership award, MD Anderson Cancer Center, 2020

Aspergillosis Guidelines Chair, American Society for Transplantation & Cellular Therapy, 2020

Highly Cited Researchers (h>100) according to Google Scholar Citations public profiles, Webometrics.Info, 2020

Honorary Doctorate (PhD, *honoris causa*), Aristotle University of Thessaloniki, 2020

Honorary Fellow, European Society of Clinical Microbiology & Infectious Diseases, 2020

Robert F Gagel Lifetime Achievement Award, Division of Internal Medicine, MD Anderson Cancer Center, 2020

Top Doctor, Castle Connolly, 2020

2021, World Academy of Sciences, Member, 1st class (Medicine), 2021

Gerald P Bodey Sr Distinguished professorship award, 2021

Expert, WHO Global Antimicrobial Resistance Research Agenda on One Health, 2022

Expert, WHO Global Antimicrobial Resistance Research Agenda on One Health, 2022

Fellow, Royal College of Physicians, 2022

Elected Member, American Association of Physicians (AAP), 2023

Honorary Journal of Fungi supplement "Twenty-five years in mucormycosis research: A themed issue honoring the contributions of Professor Dimitrios P. Kontoyiannis, 2023

Named award, The Dimitrios P Kontoyiannis junior investigator award in Medical Mycology, by the Hellenic Society in Medical Mycology, 2023

President-Elect, Mycoses Study Group Education and Research Consortium (MSGERC), 2024-2026

**RESEARCH**

**Grants and Contracts**

**Funded**

Principal Investigator, Post influenza aspergillosis and the effect of a liposomal amphotericin B and oseltamivir in a corticosteroid-immunosuppressed murine model of influenza., Gilead, Inc., 11/1/2020-11/1/2022, $206,000

Principal Investigator, Direct and immune cell-mediated synergism of isavuconazole and micafungin against echinocandin-resistant Candida glabrata, echinocandin-resistant Candida auris, and azole-resistant *Aspergillus fumigatus*, Astellas, Inc., 11/2021-11/2023, $128,061

Principal Investigator, Development of an acute myeloid leukemia murine model of invasive pulmonary aspergillosis to gain insights into the role of leukemia and its treatments in the pathobiology of aspergillosis, 1R03 AI 166285-01A1, NIH/NCRR, 1/2022-12/31/2023, $162,000

Principal Investigator, Defining the isavuconazole dose escalation ceiling against Mucorales, 203, 278S, Astellas, Inc., 2/2023-2/2025, $203,278

Principal Investigator, Exploring the synergy of isavuconazole and immunomodulators in a neutropenic mouse model of mucormycosis, Astellas, Inc., 2/2023-2/2025, $171,642

**Pending**

Principal Investigator, Defining the isavuconazole dose escalation ceiling against Mucorales, 203, 278S, contract pending, Astellas, Inc. ($203,278/year)

Principal Investigator, Exploring the synergy of isavuconazole and immunomodulators in a neutropenic mouse model of mucormycosis, contract pending, Astellas, Inc., $171,642

**Other**

Faculty Member, Texas Medical Center Training Program in Antimicrobial Resistance, Faculty Member T35, T35-Training Grant, Texas Medical Center, PI - Cesar Arias, MD, 7/1/2019-7/1/2024, $1,265,013

**Completed**

Principal Investigator, 1%, Comparative in vitro Pharmacodynamic of Isavuconazole with other clinically-used antifungals against clinical and laboratory strains of Aspergillus, Zygomycetes Fusarium, Scedosporium and phaeohyphomycetes, CRES-15K02/03, Astellas, Inc., 8/1/2016-10/30/2018, $97,167 ($59,861/year)

Principal Investigator, Redirected T Cell Therapy to Cure Invasive Fungal Infections, 4R21AI127381-01, NIH, 12/5/2016-11/30/2018, $272,631

Principal Investigator, 1%, Study of the check point inhibitors with or without antifungals on the natural history of invasive pulmonary aspergillosis, MD Anderson Cancer Center, Institutional Research Grant, 7/10/2017-7/10/2018, $75,000

Principal Investigator, 1%, Study of the check point inhibitors with or without antifungals on the natural history of invasive pulmonary aspergillosis, RO3AI37754, NIH, 1/25/2018-12/31/2019, $160,000

Principal Investigator, Redirected T Cell Therapy to Cure Invasive Fungal Infections (no-cost extension 11/2022), 4R33AI127381 (no-cost extension 11/2022), NIH/NIAID, 12/1/2018-11/30/2021, $1,802,232

Principal Investigator, 0.6 months, Invasive Mold Infections at MD Anderson pre and post hurricane Harvey, CDC 75D30119C05279, Centers for Disease Control (CDC), 7/15/2019-11/14/2020, $159,904

Principal Investigator, Hyperglycemic and obese Drosophila melanogaster flies as a model organism to study combined insulin sensitizing and antifungal therapy to mitigate invasive mucormycosis, Adverse Incidence Bridge Funding Committee, MDACC, 12/1/2020-12/1/2021, $74,930

**Not Funded**

N/A

**Protocols**

**Funded**

Site Principal Investigator, An open label, non-comparative study of FK463 for the treatment of invasive aspergillosis, DM99-022, 1998-2001, $70,000, Fujisawa Healthcare, Inc

Site Principal Investigator, An open label, non-comparative study of FK463 in the treatment of patients with candidemia or invasive candidiasis, DM99-027, 1998-2001, $70,000, Fujisawa Healthcare, Inc

Site Principal Investigator, A Phase 3, randomized, double-blind, comparative trial of FK463 versus fluconazole for prophylaxis of fungal infections in patients undergoing a hematopoetic stem cell transplant, DM99-366, 1999-2000, $175,000, Fujisawa Healthcare, Inc

Principal Investigator, A multi-center, open non-comparative study to estimate the safety, tolerability and efficacy of caspofungin acetate in combination with amphotericin B, lipid formulations of amphotericin B or azoles in the treatment of invasive Aspergillus infections in adults who are refractory to or intolerant of standard therapy, ID03-0093, 2003-2004, $50,000, Merck & Co, Inc.

Principal Investigator, A phase 2, open label, non-comparative trial of micafungin (FK463) in combination with liposomal amphotericin B (ambisome®) as first-line therapy in the treatment of invasive aspergillosis, DM02-350, 2003, $20,000, Fujisawa Healthcare, Inc

Site Principal Investigator, A multi-center, open, non-comparative study to estimate the safety, tolerability and efficacy of caspofungin acetate in the treatment of adults with invasive Candida infections (excluding patients with candidemia as the sole site of infection), 2004-0300, 2004-2006, $48,000, Merck & Co, Inc

Site Principal Investigator, A phase 3, randomized, double-blind, comparative study of micafungin (FK463) vs. caspofungin as antifungal treatment in patients with invasive candidiasis or candidemia, 2004-0299, 2004-2006, $21,000, Fujisawa Healthcare, Inc

Principal Investigator, A Multicentre, double blind, comparative, randomized study to evaluate the efficacy and safety of micafungin (FK463) versus liposomal amphotericin B (Ambisome) in the treatment of invasive candidiasis and candidemia, 2003-0417, 2004-present, $75,000, Fujisawa Healthcare, Inc

Site Principal Investigator, DEFEAT Mucor phase I study of the combination of defrasirox with Ambisome, 2007-0188, 2007-2010, $45,000 ($45,000/year), Novartis, Inc

Principal Investigator, Evaluation of efficacy, tolerability and patient factors associated with posaconazole and voriconazole prophylactic use in patients with leukemia and hematopoietic stem cell transplantation, 2011-2012, $47,000, Pfizer, Inc.

Principal Investigator, Weekly liposomal amphotericin B as seprimary or secondary prophylaxis in high risk patients with hematologic malignancy, 2011-2012, $57,000, Astellas, Inc.

Co-Principal Investigator, Incidence of cutaneous squamous cell carcinoma and melanoma associated with prolonged use of voriconazole and posaconazole therapy at MD Anderson Cancer Center-5 year experience, 2011-2013, $50,000, Merck & Co, Inc.

Micafungin treatment in candidemic patients with cancer: The MD Anderson Experience, 2013-2014 ($57,000/year), Astellas, Inc.

Site Principal Investigator, T2 Biosystems, Detecting Infections Rapidly and Easily for Candidemia Trail (DIRECT Study) - Part 1 Prospective Collection and Freezing of Whole Blood Specimens, 2013-2015, $100,000

Principal Investigator, Institutional Knowledge GAP Proposal, Integrated Program in Toxicity Genomics in Patients with Acute Myelogenous Leukemia/MDS, 2013-present, $200,000

Co-Investigator, A Phase I Trial of a Conditionally Replication-Competent Adenovirus (Delta-24-RGD-4C) for Recurrent Malignant Gliomas, ID01-310, 2015

Co-Investigator, "A Phase Ib Investigation of Pembrolizumab in Combination with Intratumoral Injection of Clostridium novyi-NT in Patients with Treatment-Refractory Solid Tumors", 2017-0008, 2016

Principal Investigator, Open-Label Study for primary prophylaxis with Isavuconazole in patients with acute leukemia receiving remission-induction chemotherapy, 2017-2019, $647,000, Astellas, Inc.

Principal Investigator, A Non-Interventional Registry Study of Systemic Antifungal Therapy in Adult Subjects with Invasive Mucormycosis or Invasive Aspergillosis Caused by a Non-fumigatus Species, PA16-0975, 2018-2019, $164,050, Astellas, Inc.

Co-Investigator, Monitoring detoxifying and rebalancing metals during AML and MDS therapy, PA 2017-0752, 2018

**Unfunded**

N/A

**Patents and Technology Licenses**

**Patents**

UT MD Anderson Cancer Center, One of the Inventors in the Ziopharm/Lutrexon License Agreement. Manufacture of Clinical-grade T Cells Using Sleeping Beauty (SB) System and Artificial Antigen Presenting Cell (aAPC) Platform, United States, MDA13-113, 2/2015, Issued

Rice Tech ID (Rice Ref.: 2016-077-03), Polydiol Fumarates and Polydiol Fumarate Co-Succinate, United States, 16/146, 258, Issued

UT MD Anderson Cancer Center, Biopanning as an approach to study the pathogenesis of and invent novel treatment modalities for invasive aspergillosis, United States, 60/502, Filed

UT MD Anderson Cancer Center, Fungus-Specific Imaging Agents, United States, MDA 06-061, Filed

UH & UT MD Anderson Cancer Center, Theranostic Liposomes for invasive pulmonary aspergillosis, United States, Filed

**Technology Licenses**

N/A

**Grant Reviewer/Service on Study Sections**

National Institute of Allergy and Infectious Diseases (NIAID)/Mycoses Study Group, Member, 1999-2012

Mycoses Study Group/CDC TRANSNET Study, Data Review Committee, NIAID, Member, 2000-present

NIAID/NIH Division of Extramural Activities, NIAID/NIH, Reviewer, 2002

PO1 Grant Reviewer, National Cancer Institute (NCI/NIH), 2002

Research Steering Committee Member, NIAID Bacteriology and Mycology Study Group (Risk group 1), 2004-2008

Reviewer, Promotion and Tenure Committee, NIH/NCI, Ad Hoc Member, 2004

Centers of Disease Control and Prevention (CDC) National Center for Infectious Diseases/National Institute for Occupational Safety and Health, Ad Hoc Reviewer, "Prevention strategies and possible health effects in the aftermath of hurricanes Katrina and Rita", 2005

Consensus Panel Member, EORTC/BAMSG, “Defining responses to therapy and study outcomes in clinical trials of invasive fungal infections", EORTC/BAMSG, Member, 2005

Grant Reviewer, Cancer Research UK, 2005

Reviewer, Promotion and Tenure Committee, University of Buffalo, Ad Hoc Member, 2005

Reviewer, Promotion and Tenure Committee, The University of Chicago, Ad Hoc Member, 2005

Study Section Grant Reviewer, Italian Association for Cancer Research, 2005

Reviewer, Promotion and Tenure Committee, The University of Wisconsin, Ad Hoc Member, 2006

Reviewer, The Wellcome Trust, London, UK, 2006

ISHAM A. terreus working group (TerrNeT), ISHAM, Member, 2006-present

Reviewer, Promotion and Tenure Committee, UCLA, Ad Hoc Member, 2007-2010

MSG/EORTC/Pfizer Protocol A881009, Protocol Committee, Member of the Steering Committee, A prospective, randomized trial comparing the efficacy of anidulafungin and voriconazole in combination to that of voriconazole alone when used for primary therapy of proven or probable invasive aspergillosis., 2007-2012

Reviewer, Promotion and Tenure Committee, Memorial Sloan-Kettering Cancer Center, Ad Hoc Member, 2007-2013

Executive Committee for "Interest Group" in Transplant Recipient and Immunocompromised Hosts, IDSA, Member, 2007-2014

Aspergillosis Guidelines Committee, Infectious Diseases Society of America, Member, 2007-2016

Reviewer, Health, Welfare and Food Bureau, Hong Kong SAR Government Research Fund, 2007

Reviewer, Promotion and Tenure Committee, Oregon Health & Science University, Ad Hoc Member, 2007

Reviewer, Promotion and Tenure Committee, Wayne State University, Ad Hoc Member, 2007

Educational Committee, Mycoses Study Group, Member, 2007-present

Reviewer, Promotion and Tenure Committee, University of Pennsylvania Children's Hospital, Ad Hoc Member, 2008

Reviewer, Promotion and Tenure Committee, Johns Hopkins University School of Medicine, Ad Hoc Member, 2009

Reviewer, Promotion and Tenure Committee, University of Minnesota, Ad Hoc Member, 2009

Reviewer, UK National Center for replacement, refinement and reduction of animals in research, Member, 2009

Reviewer, Promotion and Tenure Committee, Univ of Alabama/School of Medicine, Ad Hoc Member, 2010-2014

Reviewer, Promotion and Tenure Committee, Duke University, Ad Hoc Member, 2010-2014

NIH Study Section, Drug Discovery, 2010

Reviewer, Promotion and Tenure Committee, University of Michigan, Ad Hoc Member, 2010

Reviewer, Promotion and Tenure Committee, Sackler School of Medicine, Tel Aviv University, Ad Hoc Member, 2010

Reviewer, Promotion and Tenure Committee, Univ of California, San Diego/School of Medicine, Ad Hoc Member, 2010

Reviewer, Promotion and Tenure Committee, Univ of Minnesota, Ad Hoc Member, 2010

Reviewer, Promotion and Tenure Committee, UCLA, Ad Hoc Member, 2010

Reviewer, Promotion and Tenure Committee, University of Toronto, Member, 2010

Non-HIV Immunocompromised host development panel, IDSA, Member, 2010-present

Working group on Zygomycetes, ECMM/ISHAM, Member, 2010-present

Ad Hoc Reviewer, Hellenic Research Program Thalis, 2011-2012

IDSA MOC Development Panel, Member, 2011-2012

Ad Hoc clinical expert's panel; fungal meningitis epidemy treatment guidelines, MSG/CDC, 2012-2013

DRC Group Leader, A phase 3 randomized, double-blind study of isavuconazole versus voriconazole for invasive aspergillosis, MSG/EORTC/Astellas, 2012-2013

Reviewer, Promotion and Tenure Committee, University of Washington, Ad Hoc Member, Fred Hutchinson Research Cancer Center, 2012

Reviewer, Promotion and Tenure Committee, Tufts University, Ad Hoc Member, 2012

Reviewer, SSC grants pre-award, Research Council UK, 2012

Steering Committee, Mycoses Study Group, Member, 2012-present

Reviewer, Promotion and Tenure Committee, The University of Chicago, Ad Hoc Member, 2013-2014

External review panelist, Department of Infectious Diseases, St. Jude Children's Research Hospital, 2013

Reviewer, Australian Science Fund (FWF), 2013

Reviewer, Promotion and Tenure Committee, Warren Alpert Medical School of Brown University, Ad Hoc Member, 2013

Reviewer, Promotion and Tenure Committee, University of Virginia, Ad Hoc Member, 2013

Reviewer, Promotion and Tenure Committee, Hellenic Research Program Aristeia, 2013

Diagnosis Subcommittee, Mycoses Study Group, Co-Chair, 2013-present

Reviewer, Promotion and Tenure Committee, McGill University, Ad Hoc Member, 2014

Reviewer, Promotion and Tenure Committee, University of Patras (Patras, Greece), 2014

Reviewer, Promotion and Tenure Committee, University of Thessaloniki Greece, 2014-present

Reviewer, Promotion and Tenure Committee, University of Athens (Athens, Greece), 2014-present

Reviewer, Award Committee, Medical Mycology Society of Americas, Member, 2015

Reviewer, Promotion and Tenure Committee, Johns Hopkins University School of Medicine, Ad Hoc Member, 2015

Reviewer, Promotion and Tenure Committee, University of Crete (Heraklion, Crete), 2015

Advisory Board Member, Center for Clinical Epidemiology and Outcomes (CLEO), Athens, Greece, 2015-present

Data Review Committee, International Pediatric Fungal Network, Member, 2016

Reviewer, Dunn Collaborative Research Award Program, Ad Hoc Member, 2016

Reviewer, Promotion and Tenure Committee, Baylor College of Medicine, 2016

Reviewer, Promotion and Tenure Committee, University of New Mexico, 2016

Reviewer, Translational Research Program, University of Patras, Greece, Unkown, 2016

Special Advisor, CDC/Mycotic Diseases Branch, 2016

Board of Directors, Mycoses Study Group Education and Research Consortium (MSGERC), Member, 2016-present

ESCMID Fungal Study Group, Member, 2016-present

Founding Member, Mycoses Study Group Education and Research Consortium (MSGERC), 2016-present

UT Center for Antimicrobial Resistance and Microbial Genomics, Member, 2016-present

Reviewer, Promotion and Tenure Committee, American University of Beirut, Ad Hoc Member, 2017

Reviewer, Promotion and Tenure Committee, Harvard Medical School, Ad Hoc Member, 2017

Reviewer, Promotion and Tenure Committee, NIH, Ad Hoc Member, 2017

Reviewer, Promotion and Tenure Committee, UT Health Sciences Center San Antonio, Ad Hoc Member, 2017

Reviewer, Promotion and Tenure Committee, Yale University, Ad Hoc Member, 2017

Reviewer, Promotion and Tenure Committee, Rutgers Cancer Institute, Ad Hoc Member, 2017

Reviewer, Promotion and Tenure Committee, Memorial Sloan Kettering Cancer Center, Weill Cornell Medical College, Ad Hoc Member, 2017

ECCMM Working Group on Immunologic markers for diagnosis and treatment monitoring in invasive mold infections, Member, 2018

Reviewer, NIAID R21/R33 Special Emphasis Review Study Section, Reviewer, 2018

Reviewer, ZonMw Netherlands Awards in Science, Reviewer, 2018

Texas Medical Center C. Auris Working Group, Member, 2018

Mycoses Study Group Education and Research Consortium (MSGERC), Secretary and Member of the Executive Board, Member, 2019-2022

Advisory Committee, CARMIG/McGovern Medical School, Member, 2019

Reviewer, Promotion and Tenure Committee, Mayo Clinic College of Medicine, Ad Hoc Member, 2019

Reviewer, Promotion and Tenure Committee, Ben Gurion University, Israel, Ad Hoc Member, 2019

Reviewer, Promotion and Tenure Committee, Duke University, Ad Hoc Member, 2019

Reviewer, Promotion and Tenure Committee, University of Alberta, Ad Hoc Member, 2019

Reviewer, Promotion and Tenure Committee, San Antonio Military Medical Center, Brooke Army Medical Center, Ad Hoc Member, 2019

Advisory Board, Center of Bio Medical Research and Education, Aristotle University of Thessaloniki, Greece, Member, 2019-present

Chair, Data Review Committee, Mycoses Study Group #16 Nature - US Study, Chair, 2020

Chair, Recommendations for antifungal stewardship, MSGERC writing team, Chair, 2020

Data Review Committee, A Randomized, Double-Blind, Phase 3 Study Evaluating the Safety and Efficacy of Venetoclax in Combination with Azacitidine in Patients Newly Diagnosed with Higher Risk Myelodysplastic Syndrome (Higher-Risk MDS) (VERONA), Verona, Member, 2020

Reviewer, Promotion & Tenure Committee, University of California, San Diego, Ad Hoc Member, 2020

Reviewer, Promotion and Tenure Committee, Tel Aviv Sourasky Medical Center, Ad Hoc Member, 2020

Reviewer, Promotion and Tenure Committee, Memorial Sloan Kettering Cancer Center, Weill Corn, Ad Hoc Member, 2020

Scientific Advisory Board, Center for Clinical Epidemiology and Outcomes Research, National & Kapodistrian University of Athens, GR, Member, 2020

Advisory Board, Post Graduate Studies Program, University of Crete Medical School, Member, Heraklion, Greece, 2020-present

Data Review Committee, Phase 3, Multicenter, Randomized, Double-Blind Study of the Efficacy and Safety of Rezafungin vs Standard Antimicrobial Regimen to Prevent Invasive Fungal Diseases in Allogeneic Blood and Marrow Transplantation (ReSPECT Study), Member, 2020-present

Infectious Diseases and Immunology Study Section, NIH, Ad Hoc Reviewer, 2021

Reviewer, Canada Research Chair Nomination, McGill University, Canada, Member, 2021

Reviewer, Endowed Chair Committee, University of Virginia, Ad Hoc Member, 2021

Reviewer, Promotion and Tenure Committee, McGovern Medical School at UT Health, Ad Hoc Member, 2021

Reviewer, Promotion and Tenure Committee, University of Michigan, Ad Hoc Member, 2021

Reviewer, Promotion and Tenure Committee, Boston Children's Hospital/Harvard Medical School, Ad Hoc Member, 2021

Reviewer, Promotion and Tenure Committee, Baylor College of Medicine, Houston, TX, Ad Hoc Member, 2021

Reviewer, Promotion and Tenure Committee, Ben Gurion University at Negev, Israel, Ad Hoc Member, 2021

Reviewer, Rhoda Benham Lifetime Achievement Award Selection Committee, Medical Mycology Society of the Americas, Ad Hoc Member, 2021

Cystic Fibrosis Research Institute, Grant Reviewer, 2022

DynaMed, ACP topic reviewer, 2022

Expert reviewer, National Organization for Rare Disorders, Mucormycosis, Member, 2022

Reviewer, Clinical Research and Field Studies Special NIH Study Section, NIH, Reviewer, 2022

Reviewer, Etiology, Diagnostic, Intervention and Treatment of Infectious Diseases EDIT Study Section, NIH, Ad Hoc Member, 2022

Reviewer, Promotion and Tenure Committee, Harvard Medical School, Ad Hoc Member, 2023

Allergy, Immunology and Transplantation Research Committee Study Section, NIH, Ad Hoc Member, 2023

Reviewer, Promotion and Tenure Committee, Augusta University/Medical College of Georgia, Ad Hoc Member, 2023

Steering Committee, ECMM Candida IV multicenter Study, Member, 2023

**PUBLICATIONS**

**Peer-Reviewed Original Research Articles**

1. Anaissie E, **Kontoyiannis DP**, Kantarjian H, Elting L, Robertson LE, Keating M. Listeriosis in patients with chronic lymphocytic leukemia who were treated with fludarabine and prednisone. Ann Intern Med 117(6):466-9, 9/1992. PMID: 1354425.
2. Kantarjian, HM, Talpaz M, **Kontoyiannis DP**, Gutterman J, Keating MJ, Estey EH, O'Brien S, Rios MB, Beran M, Deisseroth A. Treatment of chronic myelogenous leukemia in accelerated and blastic phases with daunorubicin, high-dose cytarabine, and granulocyte-macrophage colony stimulating factor. J Clin Oncol. 3:398-405, 1992.
3. Anaissie EJ, **Kontoyiannis DP**, Vartivarian S, Kantarjian HM, O'Brien S, Giralt SA, Andersson BS, Karl C, Champlin RE, Bodey GP. Effectiveness of an oral triazole for opportunistic mold infections in patients with cancer: experience with SCH 39304. Clin Infect Dis 17(6):1022-31, 12/1993. PMID: 8110925.
4. **Kontoyiannis DP**, Vartivarian S, Anaissie EJ, Samonis G, Rinaldi M, Bodey GP. Cunnighamella bertolletiae infections in patients with leukemia: Report of three cases and review. Clin Infect Dis 18:925-928, 1994.
5. Anaissie EJ, **Kontoyiannis DP**, Huls C, Vartivarian SE, Karl C, Prince RA, Bosso J, Bodey GP. Safety, plasma concentrations, and efficacy of high-dose fluconazole in invasive mold infections. J Infect Dis 172(2):599-602, 8/1995. PMID: 7622915.
6. **Kontoyiannis DP**, Calia KE, Basgoz N, Calderwood SB. Primary septicemia caused by Vibrio cholerae non-O1 acquired on Cape Cod, Massachusetts. Clin Infect Dis 21(5):1330-3, 11/1995. PMID: 8589171.
7. Anaissie, EJ, Samonis G, **Kontoyiannis DP**, Raad I, Rosenbaum B, Sabharwal U, Costerton JW, Bodey GP. Biofilm and Central venous catheter-related infections: Evidence of universal colonization and low risk of hematogenous seeding. Eur J Clin Microbiol 14:134-137, 1995.
8. Anaissie EJ, Vartivarian SE, Abi-Said D, Uzun O, Pinczowski H, **Kontoyiannis DP**, Khoury P, Papadakis K, Gardner A, Raad II, Gilbreath J, Bodey GP. Fluconazole versus amphotericin B in the treatment of hematogenous candidiasis: a matched cohort study. Am J Med 101(2):170-6, 8/1996. PMID: 8757357.
9. Anaissie EJ, Darouiche RO, Abi-Said D, Uzun O, Mera J, Gentry LO, Williams T, **Kontoyiannis DP**, Karl CL, Bodey GP. Management of invasive candidal infections: results of a prospective, randomized, multicenter study of fluconazole versus amphotericin B and review of the literature. Clin Infect Dis 23(5):964-72, 11/1996. PMID: 8922787.
10. **Kontoyiannis DP**, Ruoff K, Hooper DC. Nocardia bacteremia. Report of 4 cases and review of the literature. Medicine (Baltimore) 77(4):255-67, 7/1998. PMID: 9715730.
11. Anaissie EJ, **Kontoyiannis DP**, O'Brien S, Kantarjian H, Robertson L, Lerner S, Keating MJ. Infections in patients with chronic lymphocytic leukemia treated with fludarabine. Ann Intern Med 129(7):559-66, 10/1998. PMID: 9758577.
12. **Kontoyiannis DP**. Genetic analysis of azole resistance by transposon mutagenesis in Saccharomyces cerevisiae. Antimicrob Agents Chemother 43(11):2731-5, 11/1999. PMCID: PMC89561.
13. **Kontoyiannis DP**, Sagar N, Hirschi KD. Overexpression of Erg11p by the regulatable GAL1 promoter confers fluconazole resistance in Saccharomyces cerevisiae. Antimicrob Agents Chemother 43(11):2798-800, 11/1999. PMCID: PMC89564.
14. **Kontoyiannis DP**. Fluconazole inhibits pseudohyphal growth in Saccharomyces cerevisiae. Chemother 46(2):100-3, 3/2000. PMID: 10671759.
15. **Kontoyiannis DP**, Rupp S. Cyclic AMP and fluconazole resistance in Saccharomyces cerevisiae. Antimicrob Agents Chemother 44(6):1743-4, 6/2000. PMCID: PMC89950.
16. **Kontoyiannis DP**, Wessel VC, Bodey GP, Rolston KV. Zygomycosis in the 1990s in a tertiary-care cancer center. Clin Infect Dis 30(6):851-6, 6/2000. PMID: 10852735.
17. **Kontoyiannis DP**, Sumoza D, Tarrand J, Bodey GP, Storey R, Raad II. Significance of aspergillemia in patients with cancer: a 10-year study. Clin Infect Dis 31(1):188-9, 7/2000. PMID: 10913421.
18. **Kontoyiannis DP**, Jacobson KL, Whimbey EE, Rolston KV, Raad II. Central venous catheter-associated Nocardia bacteremia: an unusual manifestation of nocardiosis. Clin Infect Dis 31(2):617-8, 2000. PMID: 10987735.
19. **Kontoyiannis DP**. Efflux-mediated resistance to fluconazole could be modulated by sterol homeostasis in Saccharomyces cerevisiae. J Antimicrob Chemother 46(2):199-203, 2000. PMID: 10933641.
20. Tsiodras S, Samonis G, Keating MJ, **Kontoyiannis DP**. Infection and immunity in chronic lymphocytic leukemia. Mayo Clin Proc 75(10):1039-54, 2000. PMID: 11040852.
21. **Kontoyiannis DP**, Lewis RE, Sagar N, May G, Prince RA, Rolston KV. Itraconazole-amphotericin B antagonism in Aspergillus fumigatus: an E-test-based strategy. Antimicrob Agents Chemother 44(10):2915-8, 2000. PMID: 10991890.
22. **Kontoyiannis DP**. Modulation of fluconazole sensitivity by the interaction of mitochondria and erg3p in Saccharomyces cerevisiae. J Antimicrob Chemother 46(2):191-7, 2000. PMID: 10933640.
23. LaRosa, A, Champlin RE, Gajewski J, Giralt S, Rolston KVI, Raad I, Jacobson K,**Kontoyiannis DP**, Elting L, Whimbey E. Adenovirus infections in adult blood and marrow transplant recipients. Clin Infect Dis. 32:871-876, 2001.
24. Mattiuzzi, GN Kantarjian H, Faderl S, Lim J, **Kontoyiannis DP**, Thomas D, Wierda W, Raad I, Garcia-Manero G, Zhou X, Ferrajoli A, Bekele N, Estey E. Amphotericin B lipid complex as prophylaxis in patients with acute myelogenous leukemia and myelodysplastic syndrome undergoing induction chemotherapy. Cancer 100(3):581-589, 2001.
25. **Kontoyiannis DP**, Peitsch WK, Reddy BT, Whimbey EE, Han XY, Bodey GP, Rolston KV. Cryptococcosis in patients with cancer. Clin Infect Dis 32(11):E145-50, 2001. PMID: 11340547.
26. **Kontoyiannis DP**, Tarrand J, Prince R, Samonis G, Rolston KV. Effect of fluconazole on agar invasion by Candida albicans. J Med Microbiol 50(1):78-82, 2001. PMID: 11192509.
27. Samonis G, Maraki S, Hajiioannou I, Chatzinikolaou I, Rolston KV, Bodey GP, **Kontoyiannis DP**. Effect of ketoconazole, itraconazole and fluconazole on the gastrointestinal colonization of mice by Candida albicans. J Chemother 13(1):66-9, 2001. PMID: 11233803.
28. **Kontoyiannis DP**, Bodey GP, Mantzoros CS. Fluconazole vs. amphotericin B for the management of candidaemia in adults: a meta-analysis. Mycoses 44(5):125-35, 2001. PMID: 11486448.
29. **Kontoyiannis DP**, Andersson BS, Lewis RE, Raad II. Progressive disseminated aspergillosis in a bone marrow transplant recipient: response with a high-dose lipid formulation of amphotericin B. Clin Infect Dis 32(5):E94-6, 2001. PMID: 11229866.
30. Maraki S, Mouzas IA, **Kontoyiannis DP**, Chatzinikolaou I, Tselentis Y, Samonis G. Prospective evaluation of the impact of amoxicillin, clarithromycin and their combination on human gastrointestinal colonization by Candida species. Chemotherapy 47(3):215-8, 2001. PMID: 11306791.
31. Osherov N, **Kontoyiannis DP**, Romans A, May GS. Resistance to itraconazole in Aspergillus nidulans and Aspergillus fumigatus is conferred by extra copies of the A. nidulans P-450 14alpha-demethylase gene, pdmA. J Antimicrob Chemother 48(1):75-81, 2001. PMID: 11418514.
32. **Kontoyiannis DP**, Vaziri I, Hanna HA, Boktour M, Thornby J, Hachem R, Bodey GP, Raad II. Risk factors for Candida tropicalis fungemia in patients with cancer. Clin Infect Dis 33(10):1676-81, 2001. PMID: 11568858.
33. Ghosh, S, Champlin R, Ueno NAnderlini P, Rolston K, Raad I, **Kontoyiannis DP**, Jacobson K, Luna M, Tarrand J, Whimbey E. RSV infections in autologous blood and marrow transplant (BMT) recipients with breast cancer: combination therapy with aerosolized ribavirin and immunotherapy. Bone Marrow Transplant 28:271-275, 2001.
34. Mavromanolakis E, Maraki S, Cranidis A, Tselentis Y, **Kontoyiannis DP**, Samonis G. The impact of norfloxacin, ciprofloxacin and ofloxacin on human gut colonization by Candida albicans. Scand J Infect Dis 33(6):477-8, 2001. PMID: 11450873.
35. **Kontoyiannis DP**, Reddy BT, Torres HA, Luna M, Lewis RE, Tarrand J, Bodey GP, Raad II. Pulmonary candidiasis in patients with cancer: an autopsy study. Clin Infect Dis 34(3):400-3, 2/2002. PMID: 11774088.
36. Bodey GP, Mardani M, Hanna HA, Boktour M, Abbas J, Girgawy E, Hachem RY, **Kontoyiannis DP**, Raad II. The epidemiology of Candida glabrata and Candida albicans fungemia in immunocompromised patients with cancer. Am J Med 112(5):380-5, 4/2002. PMID: 11904112.
37. Lewis RE, **Kontoyiannis DP**, Darouiche RO, Raad II, Prince RA. Antifungal activity of amphotericin B, fluconazole, and voriconazole in an in vitro model of Candida catheter-related bloodstream infection. Antimicrob Agents Chemother 46(11):3499-505, 2002. PMID: 12384356.
38. **Kontoyiannis DP**, Lewis RE. Antifungal drug resistance of pathogenic fungi. Lancet 359(9312):1135-44, 2002. PMID: 11943280.
39. **Kontoyiannis DP**, Reddy BT, Hanna H, Bodey GP, Tarrand J, Raad II. Breakthrough candidemia in patients with cancer differs from de novo candidemia in host factors and Candida species but not intensity. Infect Control Hosp Epidemiol 23(9):542-5, 2002. PMID: 12269454.
40. Reddy BT, Torres HA, **Kontoyiannis DP**. Breast implant infection caused by Trichosporon beigelii. Scand J Infect Dis 34(2):143-4, 2002. PMID: 11928852.
41. Samonis G, Maraki S, Anatoliotakis N, Anatoliotaki M, Apostolakou H, Margioris AN, Tselentis Y, **Kontoyiannis DP**. Effects of erythromycin, clarithromycin, roxithromycin and azithromycin on murine gut colonization by Candida albicans. Med Mycol 40(2):139-42, 2002. PMID: 12058726.
42. Torres HA, Rivero GA, **Kontoyiannis DP**. Endemic mycoses in a cancer hospital. Medicine (Baltimore) 81(3):201-12, 2002. PMID: 11997717.
43. Raad, I, Tarrand J, Hanna H, Albitar M, Janssen E, Boktour M, Bodey G, Mardani M, Hachem R, **Kontoyiannis DP**, Whimbey E, Rolston K. Epidemiology, molecular mycology and environmental sources of Fusarium infection in cancer patients. Infect Control Hosp Epidemiol 23:532-537, 2002.
44. Lewis RE, Prince RA, Chi J, **Kontoyiannis DP**. Itraconazole preexposure attenuates the efficacy of subsequent amphotericin B therapy in a murine model of acute invasive pulmonary aspergillosis. Antimicrob Agents Chemother 46(10):3208-14, 2002. PMID: 12234846.
45. Lewis RE, Lo HJ, Raad II, **Kontoyiannis DP**. Lack of catheter infection by the efg1/efg1 cph1/cph1 double-null mutant, a Candida albicans strain that is defective in filamentous growth. Antimicrob Agents Chemother 46(4):1153-5, 2002. PMID: 11897612.
46. Torres HA, Reddy BT, Raad II, Tarrand J, Bodey GP, Hanna HA, Rolston KV, **Kontoyiannis DP**. Nocardiosis in cancer patients. Medicine (Baltimore) 81(5):388-97, 2002. PMID: 12352633.
47. Shaikh ZH, Torres HA, Walsh GL, Champlin RE, **Kontoyiannis DP**. Open lung biopsy in bone marrow transplant recipients has a poor diagnostic yield for a specific diagnosis. Transpl Infect Dis 4(2):80-4, 2002. PMID: 12220244.
48. Osherov N, May GS, Albert ND, **Kontoyiannis DP**. Overexpression of Sbe2p, a Golgi protein, results in resistance to caspofungin in Saccharomyces cerevisiae. Antimicrob Agents Chemother 46(8):2462-9, 2002. PMID: 12121919.
49. Keating, MJ, O'Brien S, **Kontoyiannis DP**, Plunkett W, Koller C, Beran M, Lerner S, Kantarjian H. Results of first salvage therapy for patients refractory to a fludarabine regimen in chronic lymphocytic leukemia. Leukemia and Lymphoma 43:1755-62, 2002.
50. Bodey, GP, Boktour M, Mays S, Duvic M, **Kontoyiannis DP**, Hachem R, Raad II. Skin lesions associated with Fusarium infection. Journal of the American Academy of Dermatology 47:659-666, 2002.
51. Nannini EC, Keating M, Binstock P, Samonis G, **Kontoyiannis DP**. Successful treatment of refractory disseminated Mycobacterium avium complex infection with the addition of linezolid and mefloquine. J Infect 44(3):201-3, 2002. PMID: 12099753.
52. Torres HA, Rivero GA, Lewis RE, Hachem R, Raad II, **Kontoyiannis DP**. Aspergillosis caused by non-fumigatus Aspergillus species: risk factors and in vitro susceptibility compared with Aspergillus fumigatus. Diagn Microbiol Infect Dis 46(1):25-8, 5/2003. PMID: 12742315.
53. Hicks KL, Chemaly RF, **Kontoyiannis DP**. Common community respiratory viruses in patients with cancer: more than just "common colds". Cancer 97(10):2576-87, 5/2003. PMID: 12733157.
54. Ferrajoli A, O'Brien SM, Cortes JE, Giles FJ, Thomas DA, Faderl S, Kurzrock R, Lerner S, **Kontoyiannis DP**, Keating MJ. Phase II study of alemtuzumab in chronic lymphoproliferative disorders. Cancer 98(4):773-8, 8/2003. PMID: 12910522.
55. Liu W, Lionakis MS, Lewis RE, Wiederhold N, May GS,**Kontoyiannis DP**. Attenuation of itraconazole fungicidal activity following preexposure of Aspergillus fumigatus to fluconazole. Antimicrob Agents Chemother 47(11):3592-7, 2003. PMID: 14576123.
56. Antoniadou A, Torres HA, Lewis RE, Thornby J, Bodey GP, Tarrand JP, Han XY, Rolston KV, Safdar A, Raad II, **Kontoyiannis DP**. Candidemia in a tertiary care cancer center: in vitro susceptibility and its association with outcome of initial antifungal therapy. Medicine (Baltimore) 82(5):309-21, 2003. PMID: 14530780.
57. **Kontoyiannis DP**, Lewis RE, Osherov N, Albert ND, May GS. Combination of caspofungin with inhibitors of the calcineurin pathway attenuates growth in vitro in Aspergillus species. J Antimicrob Chemother 51(2):313-6, 2003. PMID: 12562696.
58. Mattiuzzi, GN, Cortes JE, Talpaz M, Reuben J, Rios MB, Shan J, **Kontoyiannis DP**, Giles FJ, Raad II, Verstovsek S, Ferrajoli A, Kantarjian H. Development of varicella-zoster virus infection in patients with chronic myelogenous leukemia treated with imatinib mesylate. Clin Cancer Res 9:976-980, 2003.
59. Pham AS, Tarrand JJ, May GS, Lee MS, **Kontoyiannis DP**, Han XY. Diagnosis of invasive mold infection by real-time quantitative PCR. Am J Clin Pathol 119(1):38-44, 2003. PMID: 12520695.
60. Tarrand JJ, Lichterfeld M, Warraich I, Luna M, Han XY, May GS, **Kontoyiannis DP**. Diagnosis of invasive septate mold infections. A correlation of microbiological culture and histologic or cytologic examination. Am J Clin Pathol 119(6):854-8, 2003. PMID: 12817433.
61. Maraki S, Margioris AN, Orfanoudaki E, Tselentis Y, Koumantakis E, **Kontoyiannis DP**, Rovithi M, Samonis G. Effects of doxycycline, metronidazole and their combination on Candida species colonization of the human oropharynx, intestinal lumen and vagina. J Chemother 15(4):369-73, 2003. PMID: 12962365.
62. **Kontoyiannis DP**, Hachem R, Lewis RE, Rivero GA, Torres HA, Thornby J, Champlin R, Kantarjian H, Bodey GP, Raad II. Efficacy and toxicity of caspofungin in combination with liposomal amphotericin B as primary or salvage treatment of invasive aspergillosis in patients with hematologic malignancies. Cancer 98(2):292-9, 2003. PMID: 12872348.
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**Editorials**

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56. **Kontoyiannis DP**. Statin use and aspergillosis risk -More that meets the eye? Clin Infect Dis 76(2):368, 1/2023. e-Pub 9/2022. PMID: 36049031.

**Manuals, Teaching Aids, Other Teaching Publications**

1. **Kontoyiannis DP**. Infectious Diseases Outlook: A StratFOCUSÔ Report. 1, 4, 1999.
2. **Kontoyiannis DP**. Scedosporiosis in a neutropenic AML patient. Fungus.org, 2006.
3. **Kontoyiannis DP**. Insights into early empiric or prophylactic antifungal therapy in the transplant setting. Blood and Marrow Transplantation Review, 2007.
4. Tarrand JJ, Wagar EA, Love GL, **Kontoyiannis DP**. Environmental molds and systemic fungal infections. Clinical Laboratory International-online.com, 4/2011.
5. **Kontoyiannis DP**. Chair, Interactive Web-Based MSG Education and Research Consortium Activity. The New Antifungals Toolkit, 2017.
6. **Kontoyiannis DP**. Fusariosis in a neutropenic AML patient. DrFungus.org, 2019.
7. ASM Editors in conversation/AAC Podcast: Candida auris at the intersection of COVID-19 pandemic, 2021.
8. **Kontoyiannis DP**, Thompson GR, Nguyen M-H T. Interactive Web-Based MSG Education and Research Consortium Activity. COVID19-associated invasive fungal infections, 2021.

**Other Publications**

1. Media Interviews. Interview as fungal expert by CNN, Associate Press, Wall Street Journal and featured in Kathimerini

**EDITORIAL AND REVIEW ACTIVITIES**

**Editor/Service on Editorial Board(s)**

Deputy Editor, Medical Mycology, 2006-2012

Advisory Board, Virulence, 2009-present

Deputy Editor, Mycoses, 2011-present

Advisory Board, Hematology Vision, 2013-present

Deputy Editor, Journal of Infection, 2013-present

Special Editor, AAA6 Meeting Proceedings, Mycopathologia, 2014

Editorial Board, Microbial Cell, 2015-present

Guest Editor, Contemporary Topics regarding Infections Post Allogeneic Stem Cell Transplantation, Virulence, 2016

Guest Editor, Contemporary Topics in Antifungal Drug Resistance, Journal of Infectious Diseases, 2017

Special Editor, ICHS 2020 Meeting Proceedings, Fungal infections in Immunocompromised Hosts, Journal of Fungi, (supplement), 2019

Guest Editor, Core Elements for Antifungal Stewardship, Journal of Infectious Diseases (supplement), 2020

Guest editor, Frontiers Immunol, Immune intervention strategies to control fungal infections in immunocompromised individuals, 2022

Associate Editor, Frontiers in Fungal Biology/Section of Medical Mycology, 2022

Guest Editor, Journal of Fungii Fungal Pneumonia, 2022

**Member of Editorial Review Board**

Editorial Board, Transplant Infectious Diseases, 1999-present

Editorial Board, Antimicrobial Agents and Chemotherapy, 2006-2020

Editorial Board, Journal of Invasive Fungal Infections, 2007-2011

Editorial Board, Current Fungal Infection Reports, 2007-present

Editorial Board, Journal of Infectious Diseases, 2008-present

Editorial Board, Journal of Infection, 2009-2012

Editorial Board, Neglected Tropical Infectious Diseases, 2012-present

Editorial Board, Faculty 1000, 2013-2016

Editorial Board, Virulence, 2013-2018

Editorial Board, Molecular Microbiology, 2013-present

Editorial Board, GMS Infectious Diseases, 2016

Editorial Board, Frontiers in Medicine, 2016-present

Editorial Board, Frontiers in Microbiology, 2019-present

Editorial Board, Journal of Fungii (Section of fungal pathogenesis and disease control), 2020-present

Editorial Board, World Academy of Sciences, 2021-present

Editorial Board Member, Spectrum, 2022

**Journal Reviewer**

Reviewer, Clinical Infectious Diseases, 1998-present

Reviewer, Antimicrobial Agents and Chemotherapy, 1999-present

Reviewer, Transplant Infectious Diseases, 1999-present

Reviewer, Journal of Antimicrobial Chemotherapy, 2000-present

Reviewer, American Journal of Hematology, 2001

Reviewer, Fungal Genetics and Biology, 2001

Reviewer, Cancer, 2001-present

Reviewer, Clinical Microbiology and Infection, 2001-present

Reviewer, International Journal of Gastroenterology, 2002

Reviewer, Kidney International, 2002

Reviewer, Leukemia and Lymphoma, 2002

Reviewer, Journal of Infectious Diseases, 2002-present

Reviewer, American Journal of Clinical Pathology, 2003

Reviewer, American Journal of Medical Science, 2003

Reviewer, American Journal of Transplantation, 2003

Reviewer, British Journal of Hematology, 2003

Reviewer, Infections in Medicine, 2003

Reviewer, Neurosurgery, 2003

Reviewer, Respiration, 2003

Reviewer, The Lancet, 2003

Reviewer, Medical Mycology, 2003-present

Reviewer, Annals of Oncology, 2004

Reviewer, Cytokine, 2004

Reviewer, European Journal of Clinical Microbiology and Infectious Diseases, 2004

Reviewer, Infection and Immunity, 2004

Reviewer, Journal of Laboratory and Clinical Medicine, 2004

Reviewer, Scandinavian Journal of Infectious Diseases, 2004

Reviewer, Bone Marrow Transplantation, 2005

Reviewer, Emerging Infect Diseases, 2005

Reviewer, Eur J Clin Microb & Infect Diseases, 2005

Reviewer, FEMS Immunology and Med Microbiology, 2005

Reviewer, Mycopathologia, 2005

Reviewer, Journal of Clinical Microbiology, 2005-present

Reviewer, Biology of Blood and Marrow Transplantation, 2006

Reviewer, Critical Care Medicine, 2006

Reviewer, Journal of Experimental Medicine, 2006

Reviewer, BMC Microbiology, 2007

Reviewer, Lancet Oncology, 2007

Reviewer, New England J Medicine, 2007

Reviewer, Blood, 2011-present

Reviewer, Journal of Immunology, 2012

Reviewer, Metabolism, 2012

Reviewer, Nature-Clinical Practice Oncology, 2012

Reviewer, Molecular Microbiology, 2013

Reviewer, Journal of Clinical Oncology, 2014-present

Reviewer, Proceedings of the National Academy of Sciences, 2015

Reviewer, Biology of Blood and Marrow Transplantation, 2015

Reviewer, Disease Models and Mechanisms, 2015

Reviewer, Future Microbiology, 2015

Reviewer, Journal of Respiratory and Critical Care Medicine, 2015

Reviewer, Lancet Infectious Diseases, 2015

Reviewer, Open Forum for Infectious Diseases, 2015

Reviewer, Pathogens and Disease, 2015

Reviewer, Cellular Microbiology, 2016

Reviewer, British Medical Journal (Case Reports), 2017

Reviewer, Frontiers in Cellular Microbiology, 2017

Reviewer, Frontiers in Microbiology, 2017

Reviewer, Leukemia and Lymphoma, 2018

Reviewer, mBio, 2018

Reviewer, Medical Mycology, 2018

Reviewer, mBio, 2019

Reviewer, PLOS Pathogens, 2019

Reviewer, The Lancet Digital Health, 2019

Reviewer, Future Microbiology, 2020

Reviewer, OBM Transplantation, 2020

Reviewer, mBio, 2021

Reviewer, Frontiers in Cellular and Infection Microbiology, 2022

Reviewer, Frontiers Microbiology, 2022

Reviewer, Journal of Clinical Investigation, 2022

Reviewer, Microorganisms, 2022

Reviewer, Nature Communications, 2022

Reviewer, Annals of Internal Medicine, 2000, 2023

Reviewer, Clinical Lymphoma, Myeloma and Leukemia, 2023

**Other Editorial and Review Activities**

Section Editor, Mucormycosis, Doctor Fungus website, 2011

Ad Hoc Section Editor, Cellular and Infection Microbiology, 2021

**TEACHING**

**Teaching Within Current Institution - The University of Texas MD Anderson Cancer Center**

**Formal Teaching**

**Courses Taught**

Fluconazole resistance in fungi: Saccharomyces cerevisiae as a model organism

11/1998

Two Mycology-focused formal lectures /year for the infectious disease fellows at MD Anderson Cancer Center

1998-present

Endophalmitis/Uveitis/Retinitis

4/1999

General principles of immunoprophylaxis and travel advice in the immunompromised host

4/1999

Prevention of nosocomial infections in BMT recipients

6/1999

Systemic Aspergillosis: A translational approach. Topic: Invasive aspergillosis in the immunocompromised patient with cancer, Division of Medicine Grand Rounds

6/1999

The CDC guidelines for the prevention of fungal infections in bone marrow transplant recipients

6/1999

Infections of cerebrospinal fluid shunts

3/2000

Newer drugs for antifungal prophylaxis in BMT

4/2000

Antifungal drug resistance in pathogenic fungi, The University of Texas MD Anderson Cancer Center Pediatric Grand Rounds

6/2000

Perspectives in the management of invasive fungal infections in immunocompromised patients with cancer, Institutional Grand Rounds

2/2001

Cryptococcosis

3/2001

Update in fungal infections, The University of Texas M. D. Anderson Cancer Center

3/2001

Echinocandins: A research update

6/2001

Echinocandins

8/2001

Antifungal drug resistance and interactions: From bench to the bedside

1/2002

Invasive aspergillosis in the 2000's: Impact and future challenges, The University of Texas and MD Anderson Cancer Center Institutional Grand Rounds

1/2002

Combination antifungal therapy in aspergillosis

9/2002

New Agents and Evolving Strategies for Life-Threatening Fungal Infections in the Immunocompromised H, The University of Texas and MD Anderson Cancer Center

10/2002

Update on aspergillosis, The University of Texas and MD Anderson Cancer Center

2/2004

BMT Fungal pathways at MDACC, The University of Texas and MD Anderson Cancer Center

6/2004

New frontiers in the management of invasive fungal infections patients with leukemia, The University of Texas and MD Anderson Cancer Center

4/2005

New frontiers in the management of invasive fungal infections in patients with stem cell transplant, The University of Texas and MD Anderson Cancer Center

5/2005

Lecturer, Oncology fellows lecture series: "Update on Fungal Infections"

8/2005

Lecturer, The emerging role of mini-host models in the study of opportunistic fungi

1/2006

Lecturer, Morbidity and Mortality Conference, Department of Pediatric Hematology, "Fulminant Zygomycosis"

5/2006

Lecturer, Department of Bone Marrow Transplantation, "Early diagnosis of aspergillosis: advances and controversies"

6/2006

Lecturer, Institutional Grand Rounds: "Pneumonia in leukemia patients: Epidemiology, pathogenesis, challenges in management"

6/2006

Lecturer, Department of Leukemia, "Antifungal Formulary"

9/2006

Lecturer, Department of Pediatrics Grand Rounds: "Antifungal treatment in pediatric patients"

10/2006

Lecturer, Department of Thoracic Medical Oncology, "Infectious diseases problems in the management of lung cancer patients"

1/2007

Lecturer, Cytokines and Supportive Care Working Group, "State of the art management of fungal infections"

5/2007

Lecturer, Department of Leukemia, "Pre-emptive or targeted antifungal therapy in the era of azole prophylaxis in the high risk hematology patient"

11/2007

Lecturer, Department of Bone Marrow Transplantation, "Iron Chelation in the treatment of zygomycosis"

4/2008

Lecturer, Division of Internal Medicine Grand Rounds, "New insights into the immunopathogenesis of opportunistic fungal pneumonias"

4/2009

Lecturer, Graduate program in Health Sciences/Principles in Therapeutics Course: Microbes and Diseases

8/2009-present

Lecturer, Department of Leukemia, "Recent insights regarding the immunobiology of aspergillosis"

5/2010

Lecturer, Division of Internal Medicine Grand Rounds, "Breakthrough mold infections in the compromised patient with hematologic malignancy"

5/2010

Lecturer, Department of Bone Marrow Transplantation, "Future directions in medical mycology in hemo-oncology patients"

9/2010

Lecturer, Department of Leukemia Research Grand Rounds, "Iron metabolism and invasive fungal infections"

11/2010

Chair, Institutional Grand Rounds, "Hot research topics in cancer infectious diseases for the upcoming decade"

12/2011

Lecturer, Department of Laboratory Medicine Grand Rounds, "Mucormycosis"

1/2012

Lecturer, Nursing in General Internal Medicine Education Series, "Chemotherapy-associated immune suppression"

3/2012

Lecturer, Department of Leukemia Research Grand Rounds, "Infection control issues and safe living to prevent fungal infections in the outpatient leukemia patient"

10/2012

Chair, Institutional Grand Rounds, "Infectious causes of cancer"

5/2013

Lecturer, Department of Leukemia, "The value of skin biopsy in leukemia patients with presumed infections"

8/2013

Lecturer, Department of Stem Cell Transplantation, "Neutropenic typhlitis post SCT"

8/2013

Lecturer, Advances in Oncology Institutional Grand Rounds, "Advances in Prevention of Invasive Fungal Infections in Hematologic Malignancy"

4/2014

Lecturer, Department of Leukemia,"Antifungal Prophylaxis in Leukemia"

4/2014

Master Clinician, Cafe Discussion, Hospitalist Group/Department of General Internal Medicine

2/2015

Lecturer, Department of Leukemia, "Mucormycosis Research at MDACC: The Last 15 Years"

8/2015

Lecturer,, Division of Internal Medicine Grand Rounds, "Mucormycosis"

9/2015

Lecturer, Leukemia Fellows Course, Department of Leukemia, MDACC "Overview of Antifungal Therapy"

12/2015

Lecturer, Department of Leukemia, “My two most challenging recent cases for fungal infections at MDACC and what I learned from them"

6/2016

Lecturer, Division of Internal Medicine Grand Rounds, "Current Thinking in risk stratification and principles of management of fungal infections"

6/2016

Lecturer, Department of Leukemia, "Invasive Mucormycosis and Fusariosis: Update on Current Management"

12/2016

Lecturer, Department of Leukemia, "Combination Antifungal Therapy"

1/2017

Lecturer, Division of Internal Medicine Grand Rounds, "Fungi: Their Role in Modern History and Human Disease"

7/2017

Lecturer, Department of Leukemia, "Fungi: Their Role in Modern History and Human Disease"

8/2017

Lecturer, Department of Infectious Diseases, "How to prepare and publish a research article"

1/2018

Lecturer, Emil J Freireich Leukemia Hematology Grand Rounds, "Invasive infections due to non-Aspergillus molds in hematology patients"

3/2018

Lecturer, Department of Leukemia, "New treatments for leukemia and fungal risk"

5/2018

Lecturer, Institutional Grand Rounds "Antifungal therapy in cancer patients: past, present and future"

11/2018

Lecturer, Internal Medicine Residency Program Lecture Series, "Update in Modern Antifungal Therapy"

2/2019

Lecturer, Department of Leukemia, "Toxicity issues of chronic antifungal use"

5/2019

Discussant, Division of Internal Medicine Grand Rounds, CPC

9/2019

Lecturer, Enjoy Science Seminar Series: “How changing in oncology treatment will impact fungal risk", Virtual Lecture

5/2020

Lecturer, Department of Leukemia, "Principles of antifungal therapy"

5/2021

Lecturer, Division of Internal Medicine Grand Rounds. “How transformation in the management of hematologic cancer will impact the invasive fungal disease ecosystem

6/2021

Panelist, Mentoring Day: Beyond Promotion and Tenure: Making the most of your faculty mentoring relationship

2/2022

Invited Discussant, Organizing clinical research in Hospitalist Service, Department of Hospital Medicine

3/2022

Panelist, Mentoring Day, Never too old, never too Young: Mentoring Across a Lifetime

2/2023

Lecturer, Department of Infectious Diseases, ID PAs, Endemic Mycoses

3/2023

**Training Programs**

Core Faculty, Division of Internal Medicine, Residency Program

7/2015-present

**Other Formal Teaching**

N/A

**Supervisory Teaching**

**Committees**

**Advisory Committees**

K01 Career Development Award, Xerxes Pundole, PhD

**Supervisory Committees**

Thesis Advisory Committee, GSBS, D. Conley, PhD, 10/2007-12/2010

Thesis Advisory Committee, GSBS, T. Schoberle, PhD, 1/2011-8/2013

Thesis Advisory, University of Athens School of Medicine, Athens School of Medicine, I. Apostolidou, MD, 6/2014-2019

Thesis Advisory Committee, Baylor College of Medicine, A. Parelukar, MD, 12/2014-2/2017

Thesis Advisory Committee, Rice University, Alex Tatara, MD, PhD, 8/2015-2/2017

Thesis Advisory Committee, Texas A&M University, Alex Myers, DVM, PhD, 4/2018-4/2020

Masters Advisory committee, Master of Scientific Illustration, Zuyd University and Maastricht University, Yixin Jiao, 10/2022-present

**Examining Committees**

N/A

**Direct Supervision**

**Undergraduate and Allied Health Students**

N/A

**Medical Students**

N/A

**Graduate Students**

Tatara, A., M.D., Ph.D., Rice-Baylor Medical Student, 2015-2017

**Postdoctoral Research Fellows**

Antoniadou, A., M.D., visiting faculty

Bellanger A.P., Pharm D, Visiting faculty

Ben-Ami, R., M.D. (now Chair of ID Department Tel Aviv Souracky Medical Center)

Chamilos, G., M.D. (now associate professor, University of Crete, Greece)

Davoudi, S., M.D., visiting faculty

Economides M, MD

Georgiadou, S., M.D., visiting faculty

Gomez, M., M.D., visiting faculty

Heo, S., MD, visiting faculty

Jung, S., M.D., visiting faculty

Kofteridis, D., M.D., visiting faculty

Kyvernitakis A., MD

Lamaris, G., M.D.

Leventakos, K., M.D.

Lionakis, M., M.D. (now Head, Fungal Pathogenesis Unit, NIAID/NIH)

Liu, W., M.D., Ph.D. (now Professor, Peking University First Hospital, Peking, Beijing, People's Republic of China)

Magira, E., M.D.

Martinez, L., Ph.D.

Nanos, G., M.D.

Pongas, G., M.D.

Puerta, P., M.D.

Raman, N., Ph.D.

Reddy, B., M.D.

Rivero, G., M.D.

Roussos, P. (now assistant professor, Albert Einstein Medical School, NY)

Sampsonas, F., M.D.

Shirazi, F., Ph.D.

Sipsas, N., M.D., visiting faculty

Wurster, S., M.D. (current position: Assistant Professor, MDACC)

Zannette, R., DVM

**Clinical Residents and Fellows**

Axel-House, D., M.D.

Best, L., M.D.

Cahuayme, L., M.D.

Campo, M., M.D.

Chitasombat, M., M.D. (now assistant professor, Ramathibodi Hospital, Mahidol University, Bangkok, Tailand)

Dhal, U., M.D.

Egge S., M.D.

El Boghdadly Z, M.D. (now assistant professor, Ohio State University)

Farmakiotis, D., M.D. (Now assistant professor, Brown University)

Franklin A, MD

Granger, J., M.D.

Haddad F, MD

Kassis, K., M.D.

Kondapi, D., M.D.

Kumashi, P., M.D.

Mashuo, T. M.D.

Morado O, MD

Munita, J., M.D. (now associate professor, University of Santiago, Chile)

Nigo, M., M.D.

Quezada, G., M.D.

Saad, P., M.D.

Sassine, J., M.D.

Spallone, A., M.D.

Torres, H., M.D., clinical fellow (now associate professor, Department of Infectious Diseases, MDACC)

Watson, C., M.D.

**Other Supervisory Teaching**

Banti, A., Summer Student

Chou, L., Pharm.D., Pharmacy Resident

Gottreau, J., Pharm.D., Pharmacy Resident

Lyos S, Summer Student

Minetos, Y, Summer Student

Peitsch, W., M.D., Visiting Student

Pontikos, M., Summer Student

Wessel, V., M.D., Visiting Student

**Teaching Outside Current Institution**

**Formal Teaching**

**Courses Taught**

Lecturer, Veterans Administration Medical Center/Clinical Pathological Conference (monthly), Baylor College of Medicine

1/1994

Preceptor, Massachusetts General Hospital for 2nd year students/"Patient-Doctor II" course, Harvard Medical School

3/1995

Lecturer, Infectious Diseases Pharmacotherapy Symp, An Overview of Infectious in the Immunocompromised Patient, The University of Houston College of Pharmacy

5/2002

An Overview of Infectious in the Immunocompromised Patient, The University of Houston College of Pharmacy

5/2002

**Training Programs**

Chief Resident (rounds-weekly), Veterans Administration Medical Center, Baylor College of Medicine

1/1994

Faculty, Infectious Diseases Joint Fellowship, The University of Houston College of Pharmacy

1998-present

**Other Formal Teaching**

Member, Post-graduate program in "Cellular and Genetic Causality: Diagnostics and Therapeutics of Human Diseases, University of Crete, Heraklion, Greece

10/2006-10/2010

**Supervisory Teaching**

**Committees**

**Advisory Committees**

Co-Mentor, T32, Egge, S. MD

Zuyd University and Maastricht University, Yixin Jiaop, Master of Scientific Illustration

**Supervisory Committees**

N/A

**Examining Committees**

N/A

**Direct Supervision**

**Undergraduate and Allied Health Students**

N/A

**Medical Students**

Preceptor, "Patient-Doctor II" course for 2nd year students of Harvard Medical School, Massachusetts General Hospital, various, 3/1995

**Graduate Students**

Teacher, weekly, Interns Journal Club, Veterans Administration Medical Center, Baylor College of Medicine, various, 1/1994

Instructor, Graduate Program on Clinical Investigation, University of Crete, Greece, various, 2006

**Postdoctoral Research Fellows**

N/A

**Clinical Residents and Fellows**

Chief Resident, rounds-weekly, Baylor College of Medicine, Veterans Administration Medical Center, 1/1994

**Other Supervisory Teaching**

University of Houston, W. N. Wielderhold (now director, Fungus Research Laboratory, UT San Antonio, Associate Professor), Pharm.D.

**CONFERENCES AND SYMPOSIA**

**Organization of Conferences/Symposia (Include chairing session)**

36th Annual Meeting of the Infectious Diseases Society of America, Denver, CO, Chair, 11/1998

Session: Infections in Leukemia, Second International Conference of GOAL (Global Organization Against Leukemia), Miami, FL, Chairman, 9/2002

15th Congress of the International Society for Human and Animal Mycology (ISHAM), San Antonio, TX, Co-Chairman, 5/2003

"43rd ICAAC. Session: "From the Mycology Laboratory," , Chicago, IL, Invited Co-Moderator, 9/2003

Scientific Advisory Board, 14th Mediterranean Congress of Chemotherapy, Cyprus, 11/2004, 2004

16th Congress of the International Society for Human and Animal Mycology, Paris, France, Chair, 6/2005

Chair, plenary session: "Laboratory contribution to the diagnosis and management of aspergillosis," 2nd International conference "Advances Against Aspergillosis," Athens, Greece, Chairman, 2/2006

Chair, Symposium: Combination Antifungal therapy in vitro/in vivo, 16th Congress of the International Society for Human and Animal Mycology, Paris, France, Chair, 6/2006

Chair, Symposium: Alternative Imaging in invasive pulmonary aspergillosis, 3rd Advance Against Aspergillosis, Miami, FL, Chair, 2008

Scientific Committee, 3rd Advance Against Aspergillosis, Miami, FL, Chairman, 2008

Chair in mycology session and member of the conference committee. Second Symposium on Infections in Cancer, MD Anderson Cancer Center, Houston, TX, Chair, 2/2008

Program Committee, Infectious Disease Society of America (IDSA), 2009

Chair, Tandem BMT Symposium: "Clinical considerations for resistant pathogens in transplantation," , Tampa, FL, 2/2009

Chair, Division of Internal Medicine Research Retreat, MD Anderson Cancer Center, Houston, TX, 4/2009

Chair, plenary session: Transatlantic view points (us and them). 4th Trends in Medical Mycology (TIMM-4), Athens, Greece, Chair, 10/2009

Scientific Committee, 4th Trends In Medical Mycology (TIMM-4), Athens, Greece, Committee Member, 10/2009

Chair, Advances in antifungal therapy: current strategies and the role of combination approaches. 2nd annual symposium of Mycoses Study Group Meeting, Philadelphia, PA, 4/2010

Chair, 2nd International forum on Zygomycosis, "Animal models of zygomycosis," , Peloponese, Greece, 5/2010

Chair, 10th International Symposium on Infections on the Immunocompromised Host, "Geographical challenges in the Immunocompromised host: A pathogen-oriented roundtable," , Budapest, Hungary, 6/2010

Program Committee, 16th International Symposium on Infections in the Immunocompromised Host, Budapest, Hungary, 6/2010

Program Committee, Supportive Care, 6th International Conference of GOAL (Global Organization Against Leukemia), Houston, TX, Committee Member, 10/2010

Invited Co-chair, 51st ICAAC. Session: "Promises and pitfalls of Translational Mycology," , Chicago, IL, Co-Chair, 9/2011

Invited Chair, Session: Non-antifungal approaches to treat mycoses, 5th Trends in Medical Mycology (TIMM-5), Valencia, Spain, Chair, 10/2011

Abstract Selection Committee, Infectious Disease Society of America (IDSA), 2012

Program Committee, Infectious Disease Society of America (IDSA), 2012

Scientific Committee and moderator, 5th Advance Against Aspergillosis, Instanbul, Turkey, Moderator, 2012

Program Committee, First symposium on the Toxicities and Symptoms of Cancer Research, UT MD Anderson Cancer Center, Houston, TX, Member, 4/2012

Program Committee, 17th International Symposium on Infections in the Immunocompromised Host, Genoa, Italy, Member, 6/2012

Invited moderator, 52nd ICAAC. Mycology Symposium "Best 10 papers in Mycology," , Moderator, 9/2012

Program Committee, Infectious Disease Society of America (IDSA), 2013

Program Committee, 2nd Conference on Medical Issues in Cancer Patients & Survivors, UT MD Anderson Cancer Center, Houston, TX, Member, 2/2013

Acute Leukemia Forum 2013, "Rational approach to diffuse pulmonary infiltrates in leukemia and transplantation," , San Francisco, CA, Member, 4/2013

Convener, Emerging Zygomycetes workshop of the ECMM/ISHAM working group on Zygomycetes, "From clinics to the lab," CBS-KNAW Fungal Biodiversity Center, Utrecht, Netherlands, Convener, 4/2013

Chair in mycology session and member of the conference scientific committee, Third Infections in Cancer Symposium, MD Anderson Cancer Center, Houston, TX, 2014

Program Committee (Mycology Section, Transplantation Section), International Conference of Antimicrobial Agents and Chemotherapy (ICAAC), Member, 2014

Program Committee, Infectious Disease Society of America (IDSA), 2014

Scientific Committee and moderator, 6th Advances Against Aspergillosis, Madrid, Spain, 2/2014

18th International Conference on Infections in the Immunocompromised Host, Berlin, Germany, Scientific Committee & Moderator, 6/2014

Program Committee (Mycology Section, Transplantation Section), International Conference of Antimicrobial Agents and Chemotherapy (ICAAC), Member, 2015

Program Committee, Infectious Disease Society of America (IDSA), 2015

Chair, New Developments in Fungal Infections in BMT, 2015 BMT Tandem Meeting, San Diego, CA, Chair, 2/2015

Chair, In Symposium "New Antifungal Pipeline" 55th ICAAC, San Diego, CA, 9/2015

Program Committee (Mycology Section, Transplantation Section), International Conference of Antimicrobial Agents and Chemotherapy (ICAAC), Member, 2016

Program Scientific Committee, European Confederation of Clinical Microbiology, 2016

Program Scientific Committee, International Society of Human and Animal Mycology (ISHAM), Amsterdam, Netherlands, 2016

ECCMID 2016, Infection Prevention in Transplant Recipients, Amsterdam, Netherlands, Chair, 4/2016

Program Scientific Committee, MSD Global Infectious Disease Forum, Rome, Italy, 11/2016

Program Committee (Mycology Section, Transplantation Section), International Conference of Antimicrobial Agents and Chemotherapy (ICAAC), Member, 2017

Program Scientific Committee, European Confederation of Clinical Microbiology, 2017

Program Scientific Committee, European Confederation of Clinical Microbiology, 2018

Program Scientific Committee, International Society of Human and Animal Mycology (ISHAM), Amsterdam, Netherlands, 2018

Program Scientific Committee, 8th Advances Against Aspergillosis Meeting, Lisbon, Portugal, Member, 2/2018

Chair, Scientific Committee, 20th Immunocompromised Host Society (ICHS) Meeting, Athens, Greece, 6/2018

Co-Chair, The Henry Schueler 41 & 9 Foundation 2nd International Forum for Mucormycosis, Chicago, IL, 11/2019

Chair in mycology session and member of the conference scientific committee, Fourth Infections in Cancer Symposium,, MD Anderson Cancer Center, Houston, TX, Chair, 2020

Program Scientific Committee, 21st Immunocompromised Host Society (ICHS) Meeting, Melbourne, Australia, 2/2021

Chair, Symposium: Clinical risk and prevention of IFIs in patients receiving biologics and targeted therapies. 10th Trends in Medical Mycology (TIMM-10), Aberdeen, Scotland, United Kingdom, Chair, 10/2021

Program Scientific Committee, 10th Advances Against Aspergillosis and Mucormycosis Virtual Meeting, Chair, 2/2022

Co-Chair, Invasive fungal infections in patients with COVID-19 Symposium, ID Week 2022, Washington, DC, Chair, 10/2022

ID Week 2022, IDSA, Washington, DC, Distinguished Faculty, Abstract Appreciation Program, 10/2022

ID Week 2022, Infectious Diseases Society of America, Distinguished Faculty, Washington DC, Abstract Appreciation Program, 10/2022

TIMM-11, ECMM Mycology Centers of Excellence Symposium, Athens, Greece, Co-Chair, 10/2023

**Presentations at National or International Conferences**

**Invited**

Fusarial hyalohyphomycosis: Clinical spectrum, prognosis, treatment, Interscience Conference on Antimicrobial Agents and Chemotherapy, Atlanta, GA, 10/1/1990

SCH 39304 for the treatment of invasive mold infections in neutropenic cancer patients, Interscience Conference on Antimicrobial Agents and Chemotherapy, Atlanta, GA, 10/1/1990

Dissection of fluconazole resistance by transposon mutagenesis in Saccharomyces cerevisiae, Infectious Diseases Society of America, Denver, CO, 11/1/1998

Pdr5p could regulate ergosterol homeostasis in Saccharomyces cerevisiae, Infectious Diseases Society of America, Denver, CO, 11/1/1998

Fluconazole inhibits agar invasion in Candida albicans, 39th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, 9/1/1999

Fluconazole inhibits pseudohyphal growth in Saccharomyces cerevisiae, 39th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, 9/1/1999

Overexpression of Erg11p by the regulatable GAL1 promoter confers azole resistance in Saccharomyces cerevisiae, 39th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, 9/1/1999

Activated Ras and azole resistance in S. cerevisiae, 37th Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA, 11/1/1999

Images of infectious diseases, 37th Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA, 11/1/1999

Mucormycosis in the 90s in a tertiary care cancer center, 39th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA, 11/1/1999

The significance of aspergillemia in patients with cancer: a 10 year study, 37th Annual Meeting of the Infectious Diseases Society of America, Philadelphia, PA, 11/1/1999

Cryptococcosis in the 90s in a tertiary care cancer center, 40th Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, Canada, 9/1/2000

Delta-aminolevulinic acid (a-ALA) modulates the resistance to fluconazole in the hem1 mutant, 40th Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, Canada, 9/1/2000

Infection and immunity in leukemia: (Chronic Lymphocytic Leukemia), First International Conference of GOAL (Global Organization Against Leukemia): Leukemia 2000-Towards a cure, Houston, TX, 9/1/2000

Risk factors for Candida tropicalis fungemia in patients with cancer, 40th Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, Canada, 9/1/2000

New frontiers in antifungal therapy in neutropenic patients, 8th International Symposium on Febrile Neutropenia, Athens, Greece, 1/1/2001

Comparison of breakthrough candidemia and de novo candidemia in cancer patients, 39th Annual Meeting of the Infectious Diseases Society of America (IDSA), San Francisco, CA, 10/1/2001

Infections in patients with aplastic anemia: The experience of a tertiary care cancer center, 41st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL, 12/1/2001

Initial Experience with FK463 for the treatment of candidemia in cancer patients, 41st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL, 12/1/2001

L-685, 818, an Non-immunosuppressive calcineurin inhibitor enhances the activity of caspofungin, 41st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL, 12/1/2001

Lack of catheter colonization by the cph1/cph1 efg1/efg1 double null mutant, a C. albicans strain that is defective in filamentous growth, 41st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL, 12/1/2001

Overexpression of Sbe2p, a golgi protein involved in cell wall formation confers resistance to caspofungin in Saccharomyces cerevisiae, 41st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL, 12/1/2001

Pulmonary candidiasis in cancer patients: An autopsy study, 41st Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, IL, 12/1/2001

Trends in antifungal drug resistance, ICAAC symposium SOAR II, Chicago, IL, 12/1/2001

Antifungal agents: A review of pharmacology, pharmacokinetics/pharmadocynamics, and clinical efficacy of available and investigational agents, 42nd ICAAC Meeting Workshop, San Diego, CA, 9/1/2002

Deletion of hog Agene, an osmotic stress regulator, results in hypersensitivity to caspofungin in the model mold A. nidulans, 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, 9/1/2002

Efficacy and toxicity of the caspofungin/liposomal amphotericin B combination in documented or possible invasive aspergillosis in patients with hematologic malignancies, 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, 9/1/2002

In vitro susceptibility and tolerance of aspergillus species in a Tertiary Care Cancer Center. Correlation with invasive aspergillosis and its outcome, 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, 9/1/2002

In vitro susceptibility of bloodstream candidiasis in cancer patients: Correlation with outcome of antifungal therapy, 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, 9/1/2002

Infections in CLL, Second International Conference of GOAL (Global Organization Against Leukemia): Leukemia 2000-Towards a cure, Miami, FL, 9/1/2002

Preexposure of A. fumigatus to fluconazole induces tolerance to itraconazole in vitro, 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, 9/1/2002

Sequential exposure of A. fumigatus to itraconazole and caspofungin: Evidence of enhanced in vitro activity of this combination, 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy, San Diego, CA, 9/1/2002

Risk factors of poor outcome of fusariosis in a tertiary care cancer center, 40th Annual Meeting of the Infectious Diseases Society of America (IDSA), Chicago, IL, 10/1/2002

Sequential antifungal therapy in aspergillosis: From the clinic to bench and back, 15th Congress of the International Society for Human and Animal Mycology (ISHAM), San Antonio, TX, 5/1/2003

Antifungal agents: A review of pharmacology, pharmacokinetics/pharmadocynamics, and clinical efficacy of available and investigational agents, 43rd ICAAC Meeting Workshop, Chicago, IL, 9/1/2003

The significance of isolation of rare molds from the respiratory tract in patients with cancer, 43rd Annual Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Chicago, IL, 9/1/2003

The new frontiers of fungal diagnostics and therapeutics: Combination antifungal therapy: is there a role?, 41st Annual meeting of Infectious Diseases Society of America Meeting IDSA, San Diego, CA, 10/1/2003

Empiric Antifungal Therapy, 11th International Congress on Infectious Diseases, Cancun, Mexico, 3/1/2004

What Beneficial Role May the Laboratory Play Involving Aspergillosis – Isolation, Identification, Serologic Diagnosis, Susceptibility Testing, Epidemiology?, 14th Focus on Fungal Infections, New Orleans, LA, 3/1/2004

Alternative animal models in aspergillosis, First International Conference on Aspergillosis Symposium, San Francisco, CA, 9/1/2004

Unusual infections in CLL, Second International Conference of GOAL (Global Organization Against Leukemia): Leukemia 2000-Towards a cure, Houston, TX, 9/1/2004

Zygomycosis in the era of voriconazole in a cancer center: A matched case-control observational study of 27 recent patients, 44th Annual Meeting of the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Washington, DC, 10/1/2004

Antifungal agents: A review of pharmacology, pharmacokinetics/pharmadocynamics, and clinical efficacy of available and investigational agents, 44th ICAAC Meeting Workshop, Washington, DC, 11/1/2004

Clinical approach to the management of the febrile neutropenic patients, 14th Mediterranean Congress of Chemotherapy, Cyprus, 11/1/2004

Future frontiers in management of zygomycosis, 44th ICAAC Meeting Workshop, Washington, DC, 11/1/2004

The role of voriconazole for the treatment of aspergillosis, 10th Panellenic Conference of Hematology, 11/1/2004

Trends in incidence of invasive fungal infections at a tertiary cancer center over 14 year period: an autopsy study, 15th European Congress of Clinical Microbiology & Infectious Diseases, Copenhagen, 1/1/2005

State of the Art" Mini-lecture in slide section entitled" Experimental Mycology," topic: "Alternative mini-host animal models for fungal pathogenesis, 45th ICAAC Meeting, Washington, DC, 9/1/2005

Breaking the mold: Treatment strategies for emerging mycoses," 43rd IDSA satellite symposium, San Francisco, CA, 10/2005

Antifungal agents: A review of pharmacology, pharmacokinetics/pharmadocynamics, and clinical efficacy of available and investigational agents, 45th ICAAC Meeting Workshop, Washington, DC, 12/1/2005

Invasive fungal infections in Patients with hematological malignancies (1989-2003): an autopsy study, 45th Annual Meeting of the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Washington, DC, 12/1/2005

Techniques in the diagnosis of aspergillosis: antigen, radiology, 2nd International Conference, "Advances Against Aspergillosis," , Greece, 2/2006

Filamentous Fungal Infections: Changes in epidemiology and controversies in management," Astellas Satellite Symposium, 16th Focus on Fungal Infections, Las Vegas, NV, 3/2006

Refining the diagnosis of Aspergillus: What tools are available?, ECCMID Symposium, Nice, France, 4/2006

Meet the Expert session on approaches to diagnosis of Invasive Mycoses, 14th Symposium on Infections in the Immunocompromised Host (ICHS), Crans-Montana, Switzerland, 7/2006

New insights in pathogenesis of aspergillosis: Implications for management, 14th Symposium on Infections in the Immunocompromised Host (ICSH), Crans-Montana, Switzerland, 7/2006

Controversies in the treatment of fungal pneumonia: Role of combination therapy, surgery and immunomodulation, 46th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco, CA, 9/2006

The role of mini-host models for the identification of novel antifungal targets and for the study of fungal pathogenesis, 3rd International Biotechnolgoy Forum, Athens, Greece, 10/2006

Symposium: "Clinical considerations for empiric antifungal therapy," Tandem BMT Symposium, Keystone, CO, 2/2007

Symposium: "Bringing in the new: How can we improve clinical trial design strategies for invasive fungal infections?," MSG Focus, San Diego, CA, 3/2007

Unappreciated risk factors for Invasive Fungal Infections," 17th Focus on Fungal Infections, San Diego, CA, 3/2007

Invited lecturer, "Current thinking regarding pre-emptive antifungal therapy," 17th ECCMID satellite symposium, Munich, Germany, 4/2007

Antifungal agents: A review of pharmacology, pharmacokinetics/pharmadocynamics, and clinical efficacy of available and investigational agents," 47th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Chicago, IL, 9/2007

Meet the Expert Session: "New immunomodulators and risk for fungal infection," 47th meeting of Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC, Chicago, IL, 9/2007

Invasive aspergillosis in steroid-treated patients, Advances Against Aspergillosis (AAA), Miami, FL, 1/2008

Antifungal Drug Resistance, International Symposium on Antimicrobial Resistance, Cartagena, Colombia, 3/2008

Mini-host models of fungal infections, ASM Meeting Symposium, Boston, CA, 6/2008

ICAAC & IDSA. Difficult mycology questions for the ID Consultant, ICAAC & IDSA (joint symposium), San Diego, CA, 9/2008

Fungal Infections in 2008-How do we prevent and treat them?, 4th International Conference of Global Organization Against Leukemia (GOAL): Leukemia 2008-Towards a Cure, Houston, TX, 9/2008

Meet the MDACC infectious diseases experts: "Management of invasive aspergillosis in the hematological patient," 1st Symposium on Infections in the Hematological Patient, Madrid, Spain, 10/2008

Invited lecturer, "Clinical assessment of the transplant patient with fever," BMT tandem Meetings, Tampa, FL, 2/2009

"Meet the expert session on special challenges in antifungal therapeutics," 47th Meeting, Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Boston, MA, 9/2009

Symposium: "Animal models of disease diagnosis and therapy," Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco, CA, 9/2009

Zygomycosis, Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco, CA, 9/2009

Experimental pathogenesis and virulence in fungi, 4th Trends in Medical Mycology (TIMM-4), Athens, Greece, 10/2009

Fitness cost and echinocandin resistance in C. albicans, 4th Trends in Medical Mycology (TIMM-4), Athens, Greece, 10/2009

Invited Lecturer, Prospective surveillance for invasive fungal infections in hematopoietic stem cell transplant recipients 2000-006: Overview of the TRANSNET database. 47th Annual Meeting of the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Chicago, IL, 11/2009

Moderator, In symposium: antifungal prophylaxis strategies: Mycology and Transplant ID., 47th Annual IDSA Meeting, Philadelphia, PA, 11/2009

Moderator, Oral abstract session: Mycology and Transplant ID, 47th annual IDSA Meeting, Philadelphia, PA, 11/2009

"Guru's Session: Difficult castes in Mycology," 4th International Conference, Advances Against Aspergillosis (AAA), Rome, Italy, 2/2010

Lecturer, Current strategies for managing candidiasis, coccidiodomycosis and mucormycosis. 2nd annual symposium of Mycoses Study Group Meeting, Philadelphia, PA, 4/2010

Invited Lecturer, 2nd International forum on Zygomycosis, "Combination of amphotericin B with echinocandins in zygomycosis," , Rome, Italy, 5/2010

Meet the expert session, 10th International Symposium on Infections on the Immunocompromised Host, "Fungal Infections," , Budapest, Hungary, 6/2010

Activity of deferasirox in Mucorales: Influences of species and exogenous iron (oral presentation), 50th Annual Meeting of the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), Boston, MA, 9/2010

Invited Lecturer, A novel fly model of systemic mycoses, 1st International Conference on Model Hosts, Hersonisos, Crete, Greece, 9/2010

Moderator, in symposium: "Mold Pneumonia in patients with hematologic malignancy.," 48th annual IDSA Meeting, Vancouver, Canada, 10/2010

Symposium Moderator, in symposium: "Echinocandin non-susceptibility in Candida," 48th annual IDSA Meeting, Vancouver, Canada, 10/2010

Symposium Moderator: "Mold Pneumonia in patients with hematologic malignancy," 48th annual IDSA meeting, Vancouver, Canada, 10/2010

Invited Lecturer, "Candida biofilms and the role of the echinocandins, 9th Echinocandin Forum, Tokyo, Japan, 3/2011

Symposium Moderator: "New approaches in management of fungal infections in stem cell transplantation.," Annual EBMT Meeting, Paris, France, 4/2011

The Upcoming Decade of Medical Mycology, DMykG, the German Mycological Society, Essen, Germany, 6/2011

Experimental models for invasive fungal infections, 5th Trends in Medical Mycology (TIMM-5), Valencia, Spain, 10/2011

Invited Lecturer, Experimental models for invasive fungal infections, 5Th trends in Medical Mycology (TIMM-5), Valencia, Spain, 10/2011

Moderator, in symposium: "On the shoulders of Giants: Foundations, progress and future challenges in management of infections in patients with cancer," 49th annual IDSA Meeting, Boston, MA, 10/2011

Symposium Moderator: Candidiasis in 2011," 29th annual IDSA meeting, Boston, MA, 10/2011

Invited lecturer, "Aspergillus resistance and clinical guidelines," 5th Advances Against Aspergillosis, Istanbul, Turkey, 1/2012

Invited lecturer, Meeting: Newer Antifungals: Ongoing research data, 22nd European Society of Clinical Microbiology and Infectious Diseases (ESCMID), London, United Kingdom, 4/2012

Meet the Expert, Meeting: Infectious complications of the new biological agents, 22nd European Society of Clinical Microbiology and Infectious Diseases (ESCMID), London, United Kingdom, 4/2012

Invited lecturer, "Cerebral mycoses: virulence from the fungal perspective," 18th Congress of the International Society of Humane and Animal Mycology (ISHAM), Berlin, Germany, 6/2012

Invited lecturer, "Mini-Host models as alternative infection models for invasive mycoses, 18th Congress of the International Society of Human and Animal Mycology (ISHAM), Berlin, Germany, 6/2012

Invited lecturer, "Mucormycosis: A review of diagnosis and treatment," 18th Congress of the International Society of Human and Animal Mycology (ISHAM), Berlin, Germany, 6/2012

Invited lecturer, "Recent research on pathogenesis of mucormycosis," 18th Congress of the International Society of Human and Animal Mycology (ISHAM), Berlin, Germany, 6/2012

Invited Lecturer, "Unmet clinical needs for the management of fungal infections," 17th International Symposium on Infections in the Immunocompromised Host, Genoa, Italy, 6/2012

Meet the Professor, "Molecular methods to diagnose fungal infections," 17th International Symposium on Infections in the Immunocompromised Host, Genoa, Italy, 6/2012

Meet the Professor, "Mucormycosis," 17th International Symposium on Infections in the Immunocompromised Host, Genoa, Italy, 6/2012

Plenary speaker, "Treatment of fungal infections: from guidelines to clinical practice, 17th International Symposium on Infections in the Immunocompromised Host, Genoa, Italy, 6/2012

Anidulafungin Compared to Caspofungin in a Con-Neutropenic Mouse Model of Invasive Candidiasis Caused by ANF Susceptible C. Parapsilosis Isolates with Different Degrees of In Vitro Non-Susceptibility to CAS: "MIC Does Not Tell the Whole Story" (oral presentation), 52nd Annual Meeting of the Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco, CA, 9/2012

Invited Lecturer, "Immunopharmacology of antifungals," 2012 Immunology of Fungal Infections Gordon Research Conference, Galveston, TX, 1/2013

Plenary Speaker, Section F: "Destroying nosocomial outbreaks of invasive fungal infections, ASM General Meeting, Denver, CO, 5/2013

Invited panelist, Mycology 2013 Symposium, Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), 9/2013

Combination therapy for Aspergillus: Where is the evidence today?, IDSA/ID Week, San Francisco, CA, 10/2013

Invited Lecturer, Non-vertebrate animal models, 6th Trends in Medical Mycology (TIMM-6), Copenhagen, Denmark, 10/2013

Invited Lecturer, Symposium: Difficult aspergillosis cases, 5th Conference Advances Against Aspergillosis (AAA), Madrid, Spain, 3/2014

Invited Lecturer, "Standards on Prophylaxis: Prevention of Aspergillosis," 16th International Congress on Infectious Diseases and International Society of Infectious Diseases, Cape Town, South Africa, 4/2014

Plenary Speaker, "Management of Breakthrough Fungal Infections," 18th Symposium on Infections in the Immunocompromised Host (ICHS), Berlin, Germany, 6/2014

A Phase 3, Randomized, Double-Blind, Non-Inferiority Trial to Evaluate Efficacy and Safety of Isavuconazole versus Voriconazole in Patients with Invasive Mold Disease (SECURE): Outcomes in Invasive Aspergillosis Patients, IDWeek, Philadelphia, PA, 10/2014

Plenary Speaker, "The Upcoming Decade in Medical Mycology"," Hellenic Mycology Society Annual Meeting, Athens, Greece, 12/2014

Switching from Posaconazole OS to Tablet: Impact on serun drug levels, 2015 EBMT Meeting, Istanbul, Turkey, 3/22/2015

Invited Lecturer, Switching from Posaconazole OS to Tablet: Impact on serum drug levels, 2015 ECCMID, Copenhagen, Denmark, 4/25/2015

Infectious Diseases in Adults Course, Harvard Medical School, Boston, MA, 5/2015

Efficacy of anidulafungin C. parapsilosis fungemia, 7th TIMM, Lisbon, Portugal, 10/2015

Meet the Expert Session, Infections due to unusual Mucorales, 7th TIMM, Lisbon, Portugal, 10/2015

Plenary Speaker, Drouhet Lecturer, "Mucormycosis: The Evolution of a Human Super Pathogen," TIMM-7, Lisbon, Portugal, 10/2015

Principles for Management of Invasive Molds, ID Week/IDSA, San Diego, CA, 10/2015

New Options for Antifungal Prophylaxis in Hematology Patients, INFOCUS Satellite Symposium, Argentina, 11/2015

Invited Lecturer, Assessing the Individual Risk for Infection, 26th ECCMID, Amsterdam, Netherlands, 2016

Invited lecturer, "Antifungal Prophylaxis in daily clinical practices," 26th ECCMID, Amsterdam, Netherlands, 4/2016

Novel antifungal medications and approaches in patients with hematologic malignancy, Patients with Malignancy or Bone Marrow Transplant Group, Mayo Clinic ID Subspecialities Update, Dallas, TX, 5/2016

Chair, Symposium: Aspergillosis after viral Infections, ASM/Microbe 2016 Meeting, Boston, MA, 6/2016

Moderator, Clinical Mycology, ASM/Microbe 2016 Meeting, Boston, MA, 6/2016

Invited Lecturer, "Invasive Mold Infections: Emerging Approaches," MSGERC Symposium, ID Week, New Orleans, LA, 10/2016

Invited Lecturer, In Symposium "Novel Insights Into Fungal Pathogenesis," ID Week, New Orleans, LA, 10/2016

Invited Panelist, "Difficult Cases in Infectious Diseases," ID Week, New Orleans, LA, 10/2016

Course Director and Speaker, Preventing and Managing CMV and Invasive Fungal Infections after Hematopoietic Stem Cell Transplantation, 2017 BMT Tandem Meeting, Orlando, FL, 2017

Chair, Symposium "Invasive Candidiasis in 2017," 27th ECCMID, Vienna, Austria, 4/2017

Invited Lecturer, "Candidiasis in ICU Cancer Patients: An Update," 1st Global Oncology Critical Care Symposium, Houston, TX, 5/2017

Invited Lecturer, 2nd Symposium on Infectious Diseases in the Immunocompromised Host, Seattle, WA, 6/2017

Invited Lecturer, Debate: Combination Antifungal Therapy for Mold Infections, ID Week, San Diego, CA, 10/2017

Moderator, Oral Session "The Fungus Among Us-Clinical Advances," ID Week, San Diego, CA, 10/2017

Invited Lecturer, "How to Reduce Empiricism in the Treatment of Aspergillosis," 8th Advances Against Aspergillosis (AAA) Meeting, Lisbon, Portugal, 2/2018

Invited Lecturer, Bad News from Fungi: Emerging Multidrug-Resistant Species, "MDR-Fungi and Patients' Outcomes," 28th ECCMID, Madrid, Spain, 4/2018

Invited Lecturer, Infections and Biologicals: A Real Concern, "Immunotherapy (T-Cell Checkpoint Blockade): What to expect?," 28th ECCMID, Madrid, Spain, 4/2018

Invited Panelist, Clinical Grand Rounds 2018, 28th ECCMID, Madrid, Spain, 4/2018

Invited Panelist in the Interactive Symposium, "Navigating the phenotype vs genotype conundrum in resistance: A case-based symposium," ID Week, San Francisco, CA, 10/2018

Keynote Speaker, "Invasive fungal Infections in Cancer Patients: The Next Decade," 11th Congress Paulista De Infectologia, Sao Paolo, Brazil, 10/2018

Keynote Speaker, "Outbreaks related to health care due to mucorales and other unusual fungi," 11th Congress Paulista De Infectologia, Sao Paolo, Brazil, 10/2018

Meet the Professor, "Complex fungal infections in stem cell transplant recipients," ID Week, San Francisco, CA, 10/2018

Invited Lecturer, "Managing resistant fungal infections in the hematology patient," 16th InFocus, Santiago de Cali, Colombia, 11/2018

Invited Speaker, Meet the Professor, "Galactomannan Use in Clinical Practice," 16th InFocus, Santiago de Cali, Colombia, 11/2018

Keynote Speaker, "New Oncology Drugs and Fungal Risk," 16th InFocus, Santiago de Cali, Colombia, 11/2018

Invited Lecturer, "Clinical issues with immunotherapy of fungal infections," Gordon Research Conference on Immunology of Fungal Infections, Galveston, TX, 1/2019

Invited Lecturer, Educational Workshop Antifungal Therapy: "Combine or not combine, this is the question! The case pro combination therapy," 29th ECCMID, Amsterdam, Netherlands, 4/2019

Invited Lecturer. Symposium More about Candida auris- killer yeast here to stay?: "Worldwide epidemiology and burden of Candida auris," 29th ECCMID, Amsterdam, Netherlands, 4/2019

Invited Panelist, Clinical Grand Rounds 2019, 29th ECCMID, Amsterdam, Netherlands, 4/2019

Invited Panelist, 3rd Symposium on Infectious Diseases in the Immunocompromised Host, Seattle, WA, 6/2019

Invited Speaker, "Studying Opportunistic Mycoses: From Flies to Fish," MMSA Symposium, ASM Microbe Meeting/MMSA Symposium, San Francisco, CA, 6/2019

Chair, "Immunotherapy for Opportunistic Fungal Infections," 9th Trends in Medical Mycology (TIMM-9), Nice, France, 10/2019

Invited Lecturer, "CAR-T cells, NK cells," 9th Trends in Medical Mycology (TIMM-9), Nice, France, 10/2019

Invited Speaker, "Combination Antifungal Therapy for Treatment of Mucormycosis," The Henry Schueler 41 & 9 Foundation Second International Forum for Mucormycosis: Meeting the Evolving Challenges of a Lethal Infection, Chicago, IL, 11/2019

Invited Speaker, "Future Directions," The Henry Schueler 41 & 9 Foundation Second International Forum for Mucormycosis: Meeting the Evolving Challenges of a Lethal Infection, Chicago, IL, 11/2019

Invited Speaker, "Insights into Pathogenesis of Mucormycosis from Invertebrate Models," The Henry Schueler 41 & 9 Foundation Second International Forum for Mucormycosis: Meeting the Evolving Challenges of a Lethal Infection, Chicago, IL, 11/2019

Antifungal management in cancer patients: past, present and future, Hellenic Mycology Society, Thessaloniki, Greece, 3/2020

Invited Key Note speaker (webinar), Fungal infections in COVID19 era, Hellenic Mycology Society, 7/2020

Invited lecturer, The conundrums of COVID 19 in cancer patients: unique considerations of risk of severity and management, Gilead, ESCMID Virtual Conference on Coronavirus Disease (ECCVID) Symposium: Invasive fungal Infections and COVID-19: Expect the unexpected?, 9/2020

Invited speaker (Virtual Conference), T Cells and KN cells for treatment of mycoses, Munich Mycology meeting, Germany, 10/2020

Invited lecturer, Progress & Promise in the Management of COVID19 and Invasive Fungal Infections, Essentials Principles in the Management of Invasive Mold Infections, The Worldwide Institute for Medical Education (International Virtual Webinar), 11/2020

Keynote speaker, Invasive fungal infections in the era of COVID19, Annual Hellenic Mycology Society (Virtual Conference), Athens, Greece, 1/2021

Invited lecturer, "New directions in the management of mucormycosis," Bodey Lectureship, The Worldwide Institute for Medical Education, 21st ICHS symposium on Infections in Immunocompromised Hosts (Virtual Conference), Melbourne, Australia, 2/2021

Invited lecturer, New antifungals pipeline, INFOCUS Symposium: fungal infections and future directions, 21st ICHS symposium on Infections in Immunocompromised Hosts (Virtual conference), Melbourne, Australia, 2/2021

Immunotherapy and infection: Not everything is bad with biologicals (virtual lecture), ESGICH Post Graduate Educational Course on Safety of Targeted and Biological therapies: an infectious diseases perspective, 3/2022

Invited lecturer, Workshop: Fungal diagnostics: questions from the bedside and answers from the bench, "Fungal infections, not just in neutropenia!," 32nd ECCMID, Lisbon, Portugal, 4/2022

Invited lecturer, Cross-talk Symposium, Fungii enter the AMR Arena, topic: The clinical significance of MDR fungi, ASM Microbe, Washington, DC, 6/2022

Invited lecturer, Special topics in antifungal therapy, New cancer drugs/immunosuppressives: Impact on invasive fungal infections, MSGERC 2022, Alburquerque, NM, 9/2022

Invited lecturer, ID Invasive fungal infections: Not only neutropenia! (virtual lecture), Balcan Fungus 2022, Thessaloniki, Greece, 10/2022

Invited lecturer, Invasive fungal infections and COVID-19 Symposium, Mucormycosis in patients with COVID-19, ID Week, Washington, DC, 10/2022

COVID-19 associated mucormycosis, ASM Meeting - Texas Branch, Houston, TX, 11/2022

Keynote speaker, COVID19-associated Mucormycosis: Lessons learned Annual Hellenic Mycology Society, Virtual Conference, Athens, Greece, 3/2023

Keynote speaker, Fungii: their role in modern world, history and human disease: 11th Annual Hellenic Conference of Clinical Microbiology, Virtual Conference, Athens, Greece, 3/2023

Invited Clinical Panelist, 4th Symposium on Infectious Diseases in the Immunocompromised Host, Seattle, WA, 4/2023

Invited Lecturer, New Antifungals, 4th Symposium on Infectious Diseases in the Immunocompromised Host, Seattle, WA, 4/2023

Invited Panelist, Clinical Grand Rounds 2019, 33rdh ECCMID, Copenhagen, Denmark, 4/2023

The Gulf Coast Consortia and the ASM-TMC monthly seminar series on antibiotic resistance, Implications of fungal resistance-A clinician's view, Houston, TX, 4/2023

Invited lecturer, Difficult to treat fungal infections, XXI Congress APIXIII SADI Congress, Buenos Aires, Argentina, 9/2023

Invited Lecturer, ID Week, Symposium: "Difficult to diagnose, difficult to treat infections in neutropenic and post stem cell transplant patients," topic: "It is getting hot there: Persistent fever in neutropenic patients on empiric antimicrobial therapy," , Boston, MA, 10/2023

Invited Lecturer, ID Week, Symposium: "Understand evolving, novel approaches to prevent and treat invasive fungal infections" topic: "CAR T cells for the treatment of invasive mold infections," , Boston, MA, 10/2023

Invited lecturer, TIMM-11, Novel non-cellular immunotherapy to augment host defense against recalcitrant fungi, Athens, Greece, 10/2023

Invited Lecturer, Immunotherapy for refractory mycoses: Ready for prime time? ICHS International, Virtual Webinar, 11/2023

**Other, Including Scientific Exhibitions**

Fluconazole sensitivity is modulated by the interaction of mitochondria and Erg3p in Saccharomyces cerevisiae, Infectious Diseases Society of America, Denver, CO, 11/1/1998

The role of broad spectrum antibiotics for the management of febrile neutropenia, Wayne Ebrite Investigators Conference, 11/1/1999

Invited Lecturer. Treatment Paradigms in the face of new choices, 43rd ICAAC satellite symposium, Chicago, IL, 9/1/2003

Invited Lecturer, "New developments in fungal diagnostics," 16th ECCMID satellite symposium, Nice, France, 4/2006

"Clinical counterpoint: Treating severe fungal infections in today's clinical environment," 44th IDSA Satellite Symposium, Toronto, Canada, 10/2006

Clinical Update-Focus on Caspofungin, ASH Satellite Symposium, Orlando, FL, 12/2006

Invited Lecturer "Treatment strategies for systemic mycoses," 3rd Pan-Hellenic Congress of Hellenic Society of Medical Mycology, Athens, Greece, 10/2009

Invited Lecturer, Posaconazole Clinical Update Meeting, "Effect of recent clinical practice on the incidence of zygomycosis, London, United Kingdom, 11/2009

Invited Lecturer, Henry Schueller Foundation Forum on Zygomycosis, Chicago, IL, 1/2010

Moderator, in symposium: "Great debates in Mycology," 49th annual IDSA Meeting, Boston, MA, 10/2011

Combination antifungal therapy in patients with hematologic cancer and mucormycosis: A propensity scope analysis, 54th ICAAC, San Diego, CA, 9/2015

Invited lecturer, Infectious Diseases in Adults, Harvard Medical School, Boston, MA, 5/2016

Keynote Speaker, 1st Seminar of Hellenic Oncology - Infectious Diseases Study Group, Athens, Greece, 10/2016

Panelist, Athens Health Summit: Emerging stronger from the pandemic, topic: How the mRNA technology will change the future of medicine, 11/2021

Invited lecturer, Future directions in translational research and management of mucormycosis, Symposium on the Basal Fungal Kingdom, 16th European Conference in Fungal Genetics, Innsbruck, Austria, 3/2023

**Seminar Invitations from Other Institutions**

Genetic dissection of fluconazole resistance in Saccharomyces cerevisiae, Massachusetts General Hospital, Harvard Medical Sc, Boston, MA, 3/1/1997

Genetic dissection of azole resistance by transposon mutagenesis in Saccharomyces cerevisiae, Duke University Medical Center, Durham, NC, 11/1/1997

Mechanisms of azole sensitivity and resistance in Saccharomyces cerevisiae, Invited lecturer, Infectious Diseases Unit Research Seminar, UT MD Anderson Cancer Center, Houston, TX, 11/1997

Newer antifungals, Invited Lecturer, Hematology Division Seminar, Baylor College of Medicine, Houston, TX, 5/1/2003

Update on aspergillosis, Invited Lecturer, Department of Medicine Grand Rounds, The Methodist Hospital, Dallas, TX, 9/1/2004

Drosophila: a novel moni-host model to study systemic mycoses, University of Athens Medical School, Athens, Greece, 11/1/2004

An empirical approach to antifungal therapy in persistent febrile neutropenia, Invited lecturer, Hermann Hospital, Houston, TX, 11/2005

The Changing Face of candidemia: The Medical Patient, Invited lecturer, The Methodist Hospital, Houston, 3/2006

The role of mini-host models in experimental mycology in Ιnfection and Immunity, Invited Lecturer, Graduate Program in Clinical Investigation, University of Crete Medical School, Heraklion, Greece, 10/2006

A fly model to study fungal infections, Invited lecturer, Texas A&M Institute of Biotechnology, Houston, TX, 11/2007

State of the art update on candidiasis, Invited lecturer, Presbyterian Hospital Grand Rounds, 4/2009

Meet the Expert, CEPAS Oncohematologic Conference, Madrid, Spain, 4/2012

Biomarkers in Medical Mycology, Mexican Mycology Network/Mexican Society of Infectious Diseases, Mexico City, Mexico, 9/2013

Helping each other to advance as a group, Summit on the Future of Medical Mycology in the US, San Antonio, TX, 6/2015

Immunotherapy of Fungal Infections, 23rd Annual Course in Advances in Tissue Engineering, Rice University, Visiting Lecturer, Rice University, Houston, TX, 8/2015

Mini Host Models to Study Pathogenesis and Drug Discovery, 24th Annual Course in Advances in Tissue Engineering, Visiting Lecturer, Rice University, Houston, TX, 8/2016

Two Tales of Immunomodulation of Antifungal Therapy Implication for Tissue Engineering, 25th Annual Course in Advances in Tissue Engineering, Invited Lecturer, Rice University, Houston, TX, 8/2017

Tissue engineering and Infectious Diseases, 26th Annual Course in Advances in Tissue Engineering, Invited Lecturer, Rice University, Houston, TX, 8/2018

Invited Lecturer, An innovative zebra fish model and new microscopy methods to study fungal pathogenesis and treatment, 27th Annual Course in Advances in Tissue Engineering, Rice University, Houston, TX, 8/2019

Invited Lecturer, Microbiome and its role in tissue repair and regeneration, 28th Annual Course in Advances in Tissue Engineering, Rice University, Houston, TX, 8/2021

Invited Lecturer, mRNA technology and the future of medicine, 29th Annual Course in Advances in Tissue Engineering, Rice University, Houston, TX, 8/2022

Invited lecturer, TBA, 30th Annual Couse in Advances in Tissue Engineering, Rice University, Houston, TX, 8/2023

**Lectureships and Visiting Professorships**

Cabot Clinicopathological Conference, Massachusetts General Hospital and Harvard Medical, Boston, MA, 5/1/2000

Fungal Infections in patients with cancer, Sismanoglion Hospital, Athens, Greece, 10/1/2000

Invasive aspergillosis in 2001, UTHS-San Antonio, Grand Rounds, The University of Texas Health Science Center-San Antonio, San Antonio, TX, 3/1/2001

Treatment strategies for fungal infections, UTMB-Galveston, Grand Rounds, The University of Texas Medical Branch-Galveston, Galveston, TX, 10/1/2001

Update on opportunistic fungal infections, Grand Rounds, St. Paul Medical Center, Dallas, TX, 10/1/2001

Mycoses 2001: Future trends and clinical implications, Medical Grand Rounds, University of West Virginia, Morgantown, WV, 11/1/2001

Update on fungal infections, UPMC Shadyside Hospital, Pittsburgh, PA, 11/1/2001

Update on fungal infections, Medical Grand Rounds, Baylor Medical Center, Dallas, TX, 11/1/2001

Clinicopathologic Conference, Department of Medicine Grand Rounds, Baylor College of Medicine, Houston, TX, 2/1/2002

Antifungal resistance, National and Kapodistrian University of Athens/Hel, Athens, Greece, 6/1/2002

Emerging opportunistic fungi, National and Kapodistrian University of Athens/Hel, Athens, Greece, 6/1/2002

Update in antifungal combination, National and Kapodistrian University of Athens/Hel, Athens, Greece, 6/1/2002

Balancing risk and reward: antifungal therapy in high risk patients, William Beaumont Army Medical Center, El Paso, TX, 10/1/2002

Filamentous fungii, Grand Rounds, Cleveland Clinic Infectious Diseases, Cleveland, OH, 11/1/2002

Evolving epidemiology of fungal infections, Division of Infectious Diseases Grand Rounds, University of South California, Los Angeles, CA, 2/1/2003

Update on opportunistic filamentous fungi, Division of Infectious Diseases Grand Rounds, Georgetown University Hospital, Washington, DC, 4/1/2003

Empiric antifungal therapy, Division of Infectious Diseases Grand Rounds, Presbyterian Medical Center - NY Hospital – Columbia Medical Center, New York, NY, 6/1/2003

Emerging opportunistic mold infections, Visiting Professorship, Grand Rounds, Tufts New England Medical Center, Boston, MA, 10/1/2003

Fusariosis and other emerging opportunistic mold infections, Visiting Professorship, Grand Rounds, University of Michigan Ann Arbor, Ann Arbor, MI, 10/1/2003

Treatment of fungal infections in high risk (neutropenic) patients, Visiting Professorship, Grand Rounds, Dana Farber Cancer Institute, Harvard Medical School, Boston, MA, 10/1/2003

Zygomycosis , fusariosis and other emerging opportunistic mold infections, Visiting Professorship, Grand Rounds, University of Pittsburgh, Pittsburgh, PA, 4/1/2004

Antigen detection in aspergillosis, Visiting Professorship, Grand Rounds, University of Maryland, MD, 6/1/2004

Changing epidemiology of candidiasis, Visiting Professorship, Grand Rounds, Detroit Medical Center Karmanos Cancer Institute, Detroit, MI, 9/1/2004

Update on antifungal therapy, Visiting Professorship, Grand Rounds, Roswell Park Cancer Institute, Buffalo, NY, 9/1/2004

Update on antifungal therapy: Focus on aspergillosis, Visiting Professorship, Grand Rounds, Methodist Dallas Medical Center, Dallas, TX, 9/1/2004

Mycofungin, Grand Rounds, The University of Texas Health Science Center-San Antonio, San Antonio, TX, 5/1/2005

New frontiers in mycology, Parkland Hospital Grand Rounds, The University of Texas Southwestern Medical Center, Dallas, TX, 5/1/2005

New Antifungals, Grand Rounds, Children's Hospital/LSU, New Orleans, LA, 8/1/2005

Invited Lecturer, "Empiric Antifungal Therapy: An Update," Stanford University, Palo Alto, CA, 11/2005

An empirical approach to antifungal therapy in persistent febrile neutropenia, Invited lecturer, Division of Hematology/Oncology, Hahnemann University Hospital, Philadelphia, PA, 5/2006

Candidiasis: The surgical patient, Invited lecturer, Loma Linda University, Loma LInda, CA, 6/2006

Advanced topics in infectious diseases, Invited lecturer, Infectious Diseases Grand Rounds, Memorial Sloan Kettering and Cornell University, New York, NY, 9/2006

New frontiers in management of mycoses, Invited lecturer, Department of Internal Medicine Grand Rounds, Vanderbilt University, Nashville, TN, 11/2006

Update in zygomycosis, Invited lecturer, ID Grand Rounds, University of Alabama, Birmingham, AL, 12/2006

Update in zygomycosis, Invited lecturer, Professors Grand Rounds, Denver Children's Hospital, Denver, CO, Denver, CO, 1/2007

Systemic Fungal infections, Invited lecturer, Grand Rounds, University of Kansas, Witchita, KS, 2/2007

Opportunistic mycoses in 2007, Invited Lecturer, Royal Hospital, Australia, Melbourne,, Australia, 5/2007

Systemic Fungal infections: Consensus and Controversies, Invited lecturer, Grand Rounds, Western Pennsylvania Hospital Cancer Institute, Pittsburgh, PA, 5/2007

Caspofungin: The MD Anderson perspective, Invited lecturer, Royal Free Hospital, London, UK, London, United Kingdom, 6/2007

Caspofungin: The MD Anderson perspective, Invited lecturer, Queen Elizabeth Hospital, London, Birmingham, UK, London, Birmingham, United Kingdom, 6/2007

Caspofungin: The MD Anderson perspective, Invited lecturer, Royal Liverpool University Hospital, Liverpool, UK, Liverpool, United Kingdom, 6/2007

Mini-host models to study fungal pathogenesis, Invited lecturer, Harbor-UCLA Medical Center, Los Angeles, CA, Los Angeles, CA, 6/2007

Systemic Fungal infections: Advances and Controversies, Invited lecturer, Grand Rounds, Univ of Illinois Chicago Medical Center, Chicago, IL, 6/2007

Zygomycosis, Invited lecturer, Grand Rounds, Northwestern University, Chicago, IL, Chicago, IL, 6/2007

New insights into the mechanism of action of antifungals, New England Medical Center, Boston, MA, 9/2007

A clinical approach to the immunosuppressed patients with fever, 4th Top-Ten on Infections Annual Conference, 4th Top-Ten on Infections Annual Conference, Athens, Greece, 2/2008

Management of fungal infections in immunosuppressed hosts, Visiting professor, Turkish Febrile neutropenia meeting, Haceteppe University, Ankara, Turkey, Ankara, Turkey, 2/2008

Invasive fungal infections in allogeneic hematopoietic stem cell transplantation: New challenges, Invited lecturer, NIAID Grand Rounds, Bethesda, MD, 5/2008

Update on antifungal therapy, Invited lecturer, University of Utah Grand Rounds, Salt Lake City, UT, 9/2008

Concenscus and controversies in modern mycology, Invited lecturer, Internal Medicine Grant Rounds/VAMC, University of Minnesota, Saint Paul, MN, 11/2008

Invasive Fungal Infections: when to use a polyene, Invited lecturer, University Hospitals Case Medical Center, Cleveland, OH, 10/2009

Visiting professor, Cleveland Clinic Foundation, Cleveland, OH, Cleveland, 10/2009

Breakthrough mold infections in patients with hematologic malignancies, Invited lecturer, Grand Rounds, Infectious Disease Division, Johns Hopkins University, Baltimore, MD, 4/2010

Combination therapy in Zygomycosis, 2nd International forum on Zygomycosis, Peloponnese, Greece, Greece, 5/2010

New frontiers in Mycology, Visiting lecturer, Spanish Hematology Annual Meeting, Canary Islands, Spain, Spain, 10/2010

Aspergillosis in 2010: Consensus and Controversies, Visiting Lecturer, Greek Hematology Annual Meeting, Thessaloniki, Greece, 11/2010

Internal Medicine Grand Rounds, Visiting professor, University of New Mexico, Albuquerque, NM, 2/2011

Visiting professor, Infectious Diseases Grand Rounds, Albert Einstein School of Medicine-Montefiore Hospital, Albuqueruqe, NM, 3/2011

Aspergillosis in 2010: Consensus and Controversies, Visiting lecturer, Greek Hematology Annual Meeting, Thessaloniki, Greece, 4/2011

Visiting Professor, Hospital Necker De Maladies Infectieuses, Paris, France, 4/2011

Visiting Professor, Institute Pasteur, Paris, France, 4/2011

Immunopathogenesis of fungal pneumonia: Recent insights, Baylor College of Medicine, Division of Infectious diseases, 5/2011

Grand Rounds: The upcoming decade in Mycology, Massachusetts General Hospital, Boston, MA, 10/2011

Visiting Professor, Massachusetts General Hospital, Department of Surgery, Boston, MA, 10/2011

Visiting Professor, Elbert Einstein-Montefiore Medical Center, Division of Infectious Diseases, New York, NY, 11/2011

Visiting Professor, University of Wisconsin, 11/2011

Difficult cases in Mycology, Visiting Professor, University of Melbourne, University of Brisbaine, University of Sydney, Sydney, Australia, 3/2012

Visiting Professor, Memorial-Sloan Kettering, New York, NY, 3/2012

Visiting Professor, Department of Medical Microbiology and Immunology, University of Wisconsin, Madison, WI, 4/2012

Visiting Professor, The Cancer Center Hackensack University Medical Center, 10/2012

Visiting Professor, University of Singapore, Singapore, Singapore, 11/2012

Visiting Professor, Mayo Clinic, Division of Infectious Diseases, Rochester, MI, 5/2013

Visiting Professor, University of Athens Medical School, Athens, Greece, 12/2013

Visiting Professor, MYCONON Conference, Kolkata, India, 10/2014

Visiting Professor, The Immunopharmacology of Echinocandins, University of Texas, Department of Molecular Microbiology, Houston, TX, 2/2015

Visiting Professor, Breakthrough mold Infections, University of Melbourne, New Zealand, Australia, 9/2015

Visiting Professor, Department of Hematology, Auckland City Hospital, Auckland, New Zealand, 9/2015

Visiting Professor, Soroka Hospital, Beer Sheva, Israel, 12/15/2015

Visiting Professor, Rambam Hospital, Haifa, Israel, 12/16/2015

Visiting Professor, Hadassah Hospital, Jerusalem, Israel, 12/17/2015

Visiting Professor, Ichilov Hospital, Tel Aviv, Israel, 12/18/2015

Invited Lecturer, Advances Against Aspergillosis, 6th Conference, Pipeline for New Drugs Against Aspergillosis, Manchester, United Kingdom, 3/2016

Invited Lecturer, ECCMID, Approaches to individualized management of invasive fungal disease, Amsterdam, Netherlands, 4/2016

Invited Lecturer, 2016 Texas Infectious Diseases Society, Non-Aspergillus Molds: Mucormycosis, Fusaricosis, Scedosporiosis, San Antonio, TX, 6/2016

Visiting Professor, University of Toronto, 8/2016

Visiting Professor, Evidence Based Strategies for Antifungal Prophylaxis: Focus on Posaconazole, National Cancer Center, South Korea, 10/12/2016

Visiting Professor, Evidence Based Strategies for Antifungal Prophylaxis: Focus on Posaconazole, Shinchon Severance Hospital, South Korea, 10/12/2016

Visiting Professor, Evidence Based Strategies for Antifungal Prophylaxis: Focus on Posaconazole, Ulsan National University Hospital, South Korea, 10/13/2016

Visiting Professor, Evidence Based Strategies for Antifungal Prophylaxis: Focus on Posaconazole, Hwasoon Cheonnam University Hospital, South Korea, 10/14/2016

Invited Lecturer, 19th Symposium of Infectious Diseases in Immunocompromised Host, Echinocandins: Are all the same?, Santiago, Chile, 11/2016

Invited Lecturer, Meet the Experts: How I treat mucormycosis, 19th Symposium of Infections in the Immunocompromised Host, Santiago, Chile, 11/2016

Visiting Professor, Clinica Alemana - Universidad del Desarrollo, Santiago, Chile, 11/2016

Visiting Professor, CDC, Atlanta, GA, 1/2017

Visiting Professor, Mucormycosis, Laikon Hospital and University of Athens, Athens, Greece, 1/2017

Visiting Professor, University of Bern, Bern, Switzerland, 4/2017

Visiting Professor, University of Lausanne, Lausanne, Switzerland, 4/2017

Visiting Professor, University of Basel, Basel, Switzerland, 4/2017

Visiting Professor, San Antonio Military Medical Center, San Antonio, TX, 5/2017

Visiting Professor, University of Edmonton, Edmonton, Canada, 5/2017

Visiting Professor, University of Calgary, Calgary, Canada, 5/2017

Visiting Professor, University of Vancouver, Vancouver, Canada, 5/2017

Invited Lecturer, 2nd Symposium on Infectious Diseases in the Immunocompromised Host, "Combination Antifungal Therapy: A Debate," , Seattle, WA, 6/2017

ECCMID-MSD Symposium, "How to optimize antifungal prophylaxis in your immunosupressed patients," 28th ECCMID, Madrid, Spain, 4/2018

Visiting Professor, Hospitale Civico, Lugano, Switzerland, 9/2018

Visiting Professor, University of Zurich, Zurich, Switzerland, 9/2018

Visiting Professor, "Risk Statification and Principles of Antifungal Therapy," University of Geneva, Geneva, Switzerland, 9/2018

Visiting Professor, Universidade Federal de Sao Paulo, Sao Paulo, Brazil, 10/2018

ECCMID-Gilead Symposium, "Emerging populations at an increased fungal risk," 29th ECCMID, Amsterdam, Netherlands, 4/2019

Invited moderator, 3rd Symposium on Infectious Disease in the Immunocompromised Host, Seattle, WA, 6/2019

Invited Lecture, Practical Applications in Oncology Meeting, "Fungal Immunotherapy: T cells and NK cells," University of Texas at San Antonio, San Antonio, TX, 2/2020

Invited discussant (Virtual meeting), Stump the Stars Case Conference, University of Utah, Salt Lake City, UT, 11/2020

Invited Lecturer, Clinically significant interactions between azoles and leukemia drugs (Virtual meeting), Gilead Symposium-2021 EBMT meeting, 3/2021

New prophylactic formulations of posaconazole, Merck Gulf Symposium in United Arab Amirates (Virtual meeting), 4/2021

Workshop participant, Medical Research Council, Drivers of antifungal Resistance, University of Exeter (Virtual meeting), United Kingdom, 5/2021

Visiting professor, University of Crete, Herakleion Hospital, 8/2021

30 years of Ambisome-Importance of early treatment in the era of prophylaxis, Gilead webinar (Virtual meeting), 9/2021

Clinically significant interactions between azoles and leukemia drugs, Gilead webinar-Australia meeting (virtual meeting), 9/2021

New prophylactic formulations of posaconazole, Merck Gulf Symposium in Quatar (Virtual meeting), 10/2021

Invited lecturer, Infectious Diseases Department Grand Rounds, "Invasive mycoses in patients with hematologic cancer," Cleveland Clinic Foundation (Virtual meeting), 2/2022

Visiting Professor, The new decade of medical mycology, University of Athens/Attikon Hospital, Chaidari, Greece, 8/2022

Invited lecturer, Fungal Infections in Transplantation, Carol and Burt Keenan Symposium, Houston Methodist Hospital, Houston, TX, 11/2022

Visiting Professor, New risk factors for invasive fungal infections (virtual lecture), University of Heraklion, Crete, Greece, 12/2022

Visiting Professor, University of Innsbruck, Department of Microbiology, Innsbruck, Austria, 3/2023

Invited Lecturer, New Biologicals and Risk for Fungal Infections (virtual lecture), Internal Medicine Grand Rounds, Medical College of Georgia/Augusta University, Augusta, GA, 5/2023

Visiting Professor, what should we do for Candida auris? Epidemiology, management and prevention (virtual lecture), University of Heraklion, Crete, Greece, 12/2023

**Other Presentations at State and Local Conferences**

Opportunistic fungal infections in cancer patients, Infectious Disease Unit Lecture series, Saint Luke's Episcopal Hospital, Baylor College of Medicine, 12/1/1992

Carcinoma of unknown primary site, Saint Luke's Episcopal Hospital, Baylor College of Medicine, Houston, TX, 5/1/1993

Arterial thrombosis, Citywide Hematology Rounds, Baylor College of Medicine, 6/1/1993

Infectious Disease case management rounds, Massachusetts General Hospital, 1/1/1994

Harvard-wide Infectious Disease rounds, Boston, MA, 1/1/1994

Clinical Pathological Conference, monthly, Veterans Administration Medical Center, Baylor College of Medicine, 1/1994

Morbidity and Mortality Conference, Monthly, Veterans Administration Medical Center, Baylor College of Medicine, 1/1994

Molecular pathogenesis of the acute renal failure in sepsis, The Methodist Hospital, Baylor College of Medicine, 4/1/1994

Clinicopathological Conference, Grand Rounds, Baylor College of Medicine, 6/1994

Clinicopathological Conference, bi-monthly, Massachusetts General Hospital, 7/1994

Virulence factors of Candida albicans, Infectious Disease Unit lecture series, Massachusetts General Hospital, 5/1/1995

Biotechnology: From bench to bedside, Whitehead Institute winter lecture series for high school students, Whitehead Institute, Boston, MA, 2/1/1996

PDR5-mediated resistance to fluconazole in S. cerevisiae, Children Nutrition Research Center, Baylor College, 8/1/1998

Quantitative b-galactosidase assay, Children Nutrition Center, Baylor College of Medic, 2/1/1999

Antifungal drug resistance in the 21st century: diagnosis, epidemiology, mechanisms and future prospects, 6th World Hellenic Bio-Medical Congress, Athens, Greece, 10/1/2000

Mycoses in 2000: New and old syndromes, 6th World Hellenic Bio-Medical Congress, Athens, Greece, 10/1/2000

Mycoses in 2000: An update, Houston Medical Center-wide seminar on fungal infections, Houston, TX, 1/1/2001

Advances in antifungal therapy, Medical Education Program, Austin, TX, 9/1/2002

Advances in antifungal Therapy, Medical Education Program, Houston, TX, 10/1/2002

Fungal infections in the immunocompromised host: Management challenges for the 21st Century, Worldwide Institute for Medical Education, Houston, TX, 12/1/2002

Evolving epidemiology of fungal infections in cancer patients and management challenges, Worldwide Institute for Medical Education, Houston, TX, 5/1/2005

New Developments in mycology, Houston Northwest Medical Center, Houston, TX, 11/2005

Systemic mycoses in cancer patients, 1st Conference in Infections in Cancer Patients, MD Anderson Cancer Center, Houston, TX, 11/1/2005

"Mini-host models to study fungal virulence and antifungals," South Central Medical Mycology Group 4th Annual Meeting, South Central Medical Mycology Group, 10/2006

Fungal infections in the immunocompromised host: New therapeutic agents, World-wide Institute for Medical Education, Symposium, World-wide Institute for Medical Education, 2/2007

New antifungal agents, Infectious Diseases Society, San Antonio, TX, 6/2007

Chair, Division of Internal Medicine Research Retreat, Organizing Committee, UT MD Anderson Cancer Center, Houston, TX, 2008

Candida biofilms and the role of the echinocandins, 9th Echinocandin Forum, Astellas Tokyo 9th Echinocandin Forum, 3/2009

New developments in experimental mycology, Houston Infectious Diseases Society, Houston, TX, 3/2009

New Developments in experimental mycology, Invited Lecturer, Annual Houston Infectious Diseases Society of Pharmacists meeting, Houston, TX, 7/2009

Update on Fungal Pneumonia, 62nd Annual KOPPA Conference, Hunt, TX, 8/2009

Candida biofilms and the role of the echinocandins, 9th Echinocandin Forum, Tokyo, Japan, 3/2011

Update on Fungal pneumonia, 62nd Annual KOPPA Conference, Hunt, TX, 3/2011

"Serious infections in cancer patients, Worldwide Institute for Medical Education, Symposium, Houston, TX, 9/2011

Antifungal Stewardship, Lessons for the ICU, Society of Critical Care Medicine, Phoenix, AZ, 1/2015

Advances in Prevention and Prophylaxis of Invasive Fungal Infections, Fungal Infections in Cancer and Transplant Patients: Management Challenges for the 21st Century, Houston, TX, 3/2015

Update on fungal diagnostics, St. Luke's Hospital, Houston, TX, 5/2015

Invited Lecturer, Mucormycosis in 2016: Update in Diagnosis and Management, The Houston Infectious Diseases Society, Houston, TX, 12/2016

Fungi: Their role in modern world, history and human disease, Hellenic Professional Society of Houston, Houston, TX, 2/2017

Panelist, Invasive Fungal Infection Course, ACCP / ASCO, Houston, TX, 2/2018

"Resistance in mold infections," Texas Medical Center Antimicrobial Resistance and Stewardship Conference, Houston, TX, 1/2019

GAP 2019, "Invasive Pulmonary Aspergillosis in Patients with Hematologic Cancer: An Update," The University of MD Anderson Cancer Center, Houston, TX, 5/2019

Lecturer, COVID19 related fungal infections: An illustrative case and discussion of the challenges in diagnosis and management, MD Anderson Cancer Center, Department of Infectious Diseases COVID19 Journal Club, 12/2020

Lecturer, "New Antifungals," AMR Symposium, Houston, TX, 1/2022

Invited expert discussant, Morbidity and Mortality Conference, Brown Alpert Medical School/Department of Medicine Grand Rounds (virtual), 2/2023

The tangled history of mRNA technology and the future of medicine, Hellenic Professional Society of Texas, Houston, TX, 2/2023

**PROFESSIONAL MEMBERSHIPS/ACTIVITIES**

**Professional Society Activities, with Offices Held**

**National and International**

American College of Physicians

Fellow, 1/1994-present

Infectious Diseases Society of America

Fellow, 1/1995-present

American Society of Microbiology

Member, 1/1998-present

Harvard Alumni Society

Member, 1/1998-present

Harvard–MIT Health Sciences and Technology alumni society

Member, 1/1998-present

Hellenic Professional Society of Texas

Member, 1998-present

Hellenic Bio Scientific Association in the USA,

Member, 1/2007-present

International Society of Human and Animal Mycology (ISHAM)

Member, 1/2007-present

The Texas Faculty Association

Member, 4/2011-present

The American Association for the Advancement of Science (AAAS)

Member, 12/2012-present

Medical Mycological Society of America

Member, 2013-present

European Confederation of Medical Mycology (ECMM)

Member, 2014-present

Mycoses Study Group Steering Committee

Member, 2014-present

Hellenic Mycology Society, Athens, Greece

Honorary Member, 12/2014-present

ECCMID

Member, 2015-present

ESCMID (European Society of Clinical Microbiology and Infectious Diseases)

Member, 2015-present

European Confederation of Medical Mycology (ECMM)

Fellow, 2015-present

International Immunocompromised Host Society

President Elect, 2016-2018

Mycoses Study Group Education and Research Consortium (MSGERC)

Founding Member at large, 2016-present

President-Elect, 2024-2026

European Academy of Arts and Sciences

Member, 2018-present

American Association of Physicians (AAP)

Member, 2023-present

**Local/State**

Texas Infectious Diseases Society

Member, 1/2001-present

Harris County Medical Society, Houston, TX

Member, 2007-present

Houston Infectious Diseases Society

Member, 1/2009-present

Houston Harvard University Club, Houston, TX

Member, 2012-present

**UNIQUE ACTIVITIES**

1. Volunteer, Debate Judge, Bellaire High School

2. Invited Speaker, Houston Hellenic Professional Society

**DATE OF LAST CV UPDATE**

7/12/2023