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Education

Doctor of Philosophy Research Degree (Ph.D.) 2022-Present, Department of Biological and Medical Sciences, Faculty of Health and Life Sciences, Oxford Brookes University (*Nigel Groome Studentship*) I am investigating the molecular mechanism of Groucho protein function during development in *Drosophila Melanogaster* with Dr. Barbara JENNINGS and Dr. Korneel HENS.

Master of Sciences (M.Sc.) 2018-2022, Molecular and Translational Biomedicine, Institute of Natural and Applied Sciences, Acibadem Mehmet Ali Aydınlar University (GPA: 4/4) (*Outstanding Success Scholarship (100%) Education and Food included*) I studied with Dr. Cengiz YAKICIER and Assist. Dr. Zeynep TOKCAER KESKIN on the co-occurrence of 3 SNPs on the BRCA1 gene and its effect on pathogenicity.

Bachelor of Sciences (B.Sc.) 2014-2018, Molecular Biology and Genetics Department, Faculty of Arts and Sciences, Acibadem Mehmet Ali Aydınlar University (GPA:3.63/4, ranked 2nd among graduates from Molecular Biology and Genetics Department) (*Outstanding Success Scholarship (100%) Education included*)

Job Experience

Demonstrator: Department of Biological and Medical Sciences, Faculty of Health and Life Sciences, Oxford Brookes University (26.09.2022 – Present)

As part of Nigel Groome Studentship, I was responsible for demonstrating laboratory sessions at the Department of Biological and Medical Sciences undergraduate courses and invigilating was one of my responsibilities in addition to demonstrating practicals.

Research Assistant: Molecular Biology and Genetics Department, Faculty of Engineering and Natural Sciences, Acibadem Mehmet Ali Aydınlar University, İstanbul (06.04.2022 - 05.09.2022)

As a Research Assistant, I assisted many Molecular Biology and Genetics Department lectures. In addition, I was charged with or assisted with some administrative responsibilities such as keeping track of the laboratory materials. My position remained the same with my latest job yet our department transferred to a new faculty.

Research Assistant: Molecular Biology and Genetics Department, Faculty of Arts and Sciences, Acibadem Mehmet Ali Aydınlar University, İstanbul (23.12.2019 - 06.04.2022)

As a Research Assistant, I assisted many Molecular Biology and Genetics Department lectures. In addition, I was charged with or assisted with some administrative responsibilities such as keeping track of the laboratory materials.

Genetic Knowledge Consultant and Assistant: ELSIE GENETIC, Istanbul (01.03.2018 - 31.07.2018)

ELSIE Genetic is a sales and marketing firm representing NIPD(Cyprus) in Turkey. My responsibilities as a Genetic Knowledge Consultant and Assistant were giving fundamental scientific knowledge to our sales department, preparing social media content, and participating in the presentations about our tests for doctors or scientists. I made the correspondence between ELSIE and NIPD. In addition to these responsibilities of mine, I took the place of an informative sales representative in big sales.

Intern: Tübingen University, Germany ZMBP (Zentrum Für Molekularbiologie der Pflanzen - Center of Molecular Plant Biology) (June 2017 - August 2017)

I did my project given by Dr. Uner Kolukisaoglu and Prof. Dr. Klaus Harter in their laboratory for 10 weeks. In the content of this project, I actualized and learned these techniques: transformation, preparation of bacterial media, isolation of plasmid DNA and preparation of solutions needed for it, cloning, RFLP, preparation of gel and gel running, colony picking techniques, LR reactions, TOPO cloning reactions, sterilization of seeds, seed plantation, toxification tests on the samples collected from transgenic and healthy plants, time-course experiments, gDNA purification from plants, glycerol stocking techniques, infiltration, protein extraction, Western blot, Bradford technique, coomassie dying, SDS-Page, microscopy, RNA isolation, cDNA formation, actin PCR and BP reaction. I arranged my internship by myself and funded it by getting accepted to the Erasmus+ program.

Intern: Sabancı University Nanotechnology Center (SUNUM) (August 2016-September 2016)

I actively participated in Asst. Prof. Tolga Sütü's research group in Sabanci University. I worked in a cell culture laboratory and molecular biology laboratory. I learned a lot of new techniques such as Western Blot Assay, Bradford Assay, Transfection, Transduction, Plasmid DNA Purification, Intracellular Staining, Cell Surface Staining, Antibody Staining, Microscopy, DAPI staining, Transformation, Peptide Loading Assay, Titration, and Immune Cell Signaling Antibody Array.

Trainee: Acibadem Mehmet Ali Aydınlar University Research Laboratories (May 2015-May 2016)

I actively participated in Prof. Dr. Cengiz Yakicier's research group at our university. I worked in a cell culture laboratory, splitting cell lines and treating them with various drugs to monitor their responses. I also worked in the research laboratory of our university, where I performed DNA and RNA isolations from cell lines, set up PCR reactions, and prepared agarose gel to visualize PCR bands.

Presentation Personnel (Part-time): Acibadem Mehmet Ali Aydınlar University (May 2015 - July 2015)

I publicized our university for 3 months while I was working at Corporate Communication of our university.

Scholarships/Projects

Nigel Groome Studentship / 26.09.2022 - Still

MolBiyKon'22, organized by Molecular Biology Association & Acibadem Mehmet Ali Aydınlar University, Poster Presenter / 09.06.2022-12.06.2022

TÜBİTAK BİDEB, 2211 Domestic Postgraduate Scholarship Program, 2210-A General Domestic Master Degree Scholarship Program, Partial Scholarship Holder / January 2020 – February 2022

TÜBİTAK BİDEB, 2211 Domestic Postgraduate Scholarship Program, 2210-A General Domestic Master Degree Scholarship Program, Full Scholarship Holder / August 2019 – January 2020

2013, TÜBİTAK Interhighschool Project Competition, Chemistry, qualify for Regional Finals

2013, EnvironmenTED, organized by TED College, "Best Presentation" and "Best Committee" award.

2011-2013, Leader of the "Immigration Around World" project group in Turkey, project partner: Rynesteen High School, Denmark.

I won 2 Honorable Mention Awards at Composition Competition, organized by Kavram Training Centers, and 1 at Short Story Competition, organized by Koc University.

ALES (November 2017) (Academic Personnel and Graduate Education Entrance Exam held by Central Examination Committee of Turkey)

Quantitative: 85,04464

Verbal: 82,99584

Equally Weighted: 84,62102

Foreign languages

	English (C2)	German (A2)
Reading	Proficiency	Beginner
Writing	Proficiency	Beginner
Speech	Proficiency	Beginner

IELTS: 8/9 (April 2022)

YDS (Foreign Language Exam held by Central Examination Committee of Turkey): 92.5/100 (September 2019)

TOEFL: 103/120 (March 2018)

FIT 2 (Goethe Zertifikat A2, FIT In Deutsch 2, Zeugnis): 64/80 (May 2013)

Skills

Computer Skills

Microsoft Office (Excel, Word, PowerPoint, and Outlook): Advanced (Publisher): Beginner

Mac OS X (Keynote, Pages, Numbers, iMovie): Intermediate

Python: Beginner

R for Programming: Beginner

Ubuntu: Beginner

Management-Organizational Skills

January 2023-Still, Student Representative of Biological and Medical Sciences Department, Oxford Brookes University

09.06.2022-12.06.2022, MolBiyoKon'22, organization committee, organized by Molecular Biology Association & Acibadem Mehmet Ali Aydinlar University

March 2021-February 2022, Student Representative of Graduate School of Natural and Applied Sciences,

Acibadem Mehmet Ali Aydınlar University

September 2018-February 2022, Student Representative of Molecular and Translational Biomedicine Program, Acibadem Mehmet Ali Aydınlar University

2014-2018, Debate Club Founder President and Debate Team Captain, Acibadem Mehmet Ali Aydınlar University (*Head Organizer of 5 different Debate Tournament, Organizer and participant of 2 Exhibition Debate Match, host of 4 Debate Tournament*)

2014-2018, Game Club Founder President, Acibadem Mehmet Ali Aydınlar University (*5 game night organisations*)

2016, Erasmus Club Founder Management Council Member in Acibadem Mehmet Ali Aydınlar University

2016, MayFest (Spring Festival) Head Organizer, Acibadem Mehmet Ali Aydınlar University

2016, "BEZELYE" Magazine, Head of Research and Article, Acibadem Mehmet Ali Aydınlar University

Communication Skills

23.03.2023, The Changing Landscape Changing Lives, Social Media Ambassador, Oxford Brookes University

12.01.2023, Health and Life Sciences Postgraduate Research Symposium Day, Social Media Ambassador, Oxford Brookes University

December 2019, My article about my day with Mr. Hakan Şahin (CEO of Nobel Pharmaceuticals at that time) was published in Harvard Business Review Turkey in their December 2019 issue with other "CEO For A Day" finalists' articles.

2014-2018, Debater Experience in 16, Judge Experience in 5 Debate Tournament

April 2016, GameX Expo Participation with Game Club

2013, Interview with poet Ataol Behramoğlu for school magazine at High School

2012, Turkey Philosophy Olympics, Composition Writer

Memberships

British Society for Developmental Biology - March 2023/ Still

Genetics Society - March 2023/Still

Seminars and Courses

Graduate College Exhibition - Poster Presenter, Oxford Brookes University / 19.04.2023

Health and Life Sciences Postgraduate Research Symposium - Oxford Brookes University / 12.01.2023

Compressed Gas and Cryogenic Gases Safety Training - PGS / 05.12.2022

Public Engagement with Research Training - Bright Sparks Science / 16.11.2022

Learn Bioinformatics in 6 Days - Udemy / 09.11.2022 - Still

CRISPR Cas System: Applications in Gene Editing and Beyond - Udemy / 07.11.2022 - Still

General Teaching Associates Course- Oxford Centre for Academic Enhancement and Development / 02.11.2022 - 04.11.2022

Laboratory Safety and GM Briefing - Oxford Brookes University / 05.10.2022

MolBiyKon'22 - Poster Presenter, Molecular Biology Association & Acibadem Mehmet Ali Aydınlar University / 09.06.2022-12.06.2022

Today's Administrative and Executive Boards and Future's Advisory Board Panel - Odgers Berndtson / 14.10.2019

Finalist and Participant in CEO x1 Day Program - 30.01.2019 - 30.06.2019

BIOMED 2018 - Acibadem Mehmet Ali Aydınlar University / 15.12.2018 - 16.12.2018

Yeditepe University 5. Genetic and Bioengineering Days - Yeditepe University / 11.02.2017 - 12.02.2017

Occupational Health and Safety Education - Acibadem Mehmet Ali Aydınlar University / 29.12.2016 - 30.12.2016

İÜGEN Winter School - Istanbul University / 04.03.2016 - 05.03.2016

Pharmacogenomics - Acibadem Mehmet Ali Aydınlar University / 03.04.2015 - 04.04.2015

KOÜ Biology Undergraduate Congress - Kocaeli University / 27.03.2015 - 28.03.2015

First Aid Education - Yeditepe University / June 2014

References

1. Dr. Barbara H. Jennings - Oxford Brookes University - bjennings@brookes.ac.uk
2. Dr. Korneel Hens - Oxford Brookes University - khens@brookes.ac.uk
3. Dr. M. Cengiz Yakicier - Acibadem Health Group - cengiz.yakicier@acibadem.edu.tr
4. Assoc. Prof. Dr. Fabienne Dumoulin - Acibadem Mehmet Ali Aydınlar University - Fabienne.Dumoulin@acibadem.edu.tr
5. Assist. Prof. Zeynep Tokcaer Keskin - Acibadem Mehmet Ali Aydınlar University - zeynep.keskin@acibadem.edu.tr
6. Dr. Üner Kolukisaoglu - Tübingen University - uener.kolukisaoglu@zmbp.uni-tuebingen.de