a. Complete bio-data of the applicant

Curriculum Vitae

Kaustuv Sanyal
Professor

Address

Molecular Biology & Genetics Unit
Jawaharlal Nehru Centre for Advanced Scientific Research
Jakkur Post, Bangalore 560064
India

Telephone : +91 80 2208 2878 (office); +91 944 981 0323 (mobile)
Email : sanyal@jncasr.ac.in or wwwsanyal@gmail.com
Lab website : https://www.jncasr.ac.in/faculty/sanyal
Wikipedia : https://en.wikipedia.org/wiki/Kaustuv_Sanyal

Education

2001 Ph.D. in Yeast Genetics, Bose Institute, Jadavpur University, Kolkata, India
1994 M.Sc. in Biotechnology, Madurai Kamaraj University, Madurai, TN, India.

Professional Experience

05/2017 – Present	Professor	JNCASR, Bengaluru, India
10/2011 – 05/2017	Associate Professor	JNCASR, Bengaluru, India
10/2005 – 10/2011	Faculty Fellow	JNCASR, Bengaluru, India
11/1999 – 09/2005	Postdoctoral Researcher	University of California, Santa Barbara, USA

Awards

2020 - 2025	J C Bose National Fellowship, Science and Engineering Research Board, India
2017 - 2020	Tata Innovation Fellowship, Dept. of Biotechnology, India
2012 - 2015	National Bioscience Award, Dept. of Biotechnology, India
2008	Outstanding Young Investigator Award, Eukaryotic Cell, Am. Soc. for Microbiol.
1996 - 1999	Senior Research Fellowship, Council for Scientific and Industrial Research, India
1994 – 1996	Senior Research Fellowship, Council for Scientific and Industrial Research, India
1992 – 1994	Dept. of Biotechnology, India Fellowship of pursuing MSc in Biotechnology
1987 – 1991	University Merit Scholarship for pursuing BSc in Agricultural Science

Membership of significant science academies and societies

2020	Visiting Professor, Osaka University, Osaka, Japan (April 2020 – March 2023)
2019	Elected Fellow, American Association of Microbiology (AAM), ASM, USA
2018	Elected Fellow, Indian National Science Academy (INSA), New Delhi
2017	Elected Fellow, Indian Academy of Sciences, Bangalore
2015	Nominated Faculty member, Faculty of 1000 (F1000Prime), UK
2014	Elected Fellow, National Academy of Sciences (India) (NASI), Allahabad
2012	Elected Fellow, Guha Research Conference (GRC), India

Complete list of publications
** corresponding/co-corresponding author*

Preprints

1. Jaitly P, …. D'Enfert C*, **Sanyal K*** (2021) A phylogenetically restricted essential cell cycle progression factor in the human pathogen *Candida albicans. bioRxiv* https://doi.org/10.1101/2021.09.23.461448.

Publications

1. Padmanabhan S, **Sanyal K*,** Dubey DD* (2021) Identification of the origin recognition complex in the human fungal pathogen Candida albicans. **microPublication Biology** *(in press).*
2. Chatterjee S, …., **Sanyal K**, Paul R (2021) Mechanics of microtubule organizing center clustering and spindle positioning in budding yeast Cryptococcus neoformans. **Physical Review E** 104: 034402.
3. Sane A, Sridhar S, **Sanyal K**, Ghosh S (2021) Shugoshin ensures spindle assembly checkpoint response and efficient spindle assembly. **Molecular Microbiology** *(in press).*
4. Reza H*, Patkar R*, **Sanyal K*** (2021) Vacuolar transporter Mnr2 safeguards mitochondrial integrity in aged cells. **Molecular Microbiology** 116: 861-876.
5. Narayanan A, …., **Sanyal K*** (2021) Functional and comparative analysis of centromeres reveals clade-specific rearrangements in *Candida auris* and a chromosome number change in related species. **mBio** 12: e00905-21 (*two accompanied commentaries published in mBio*)
6. Sreekumar L, …., **Sanyal K*** (2021) Orc4 spatiotemporally stabilizes centromeric chromatin. **Genome Research** 31:607- 621.
7. Sridhar S, …., Fukagawa T*, **Sanyal K*** (2021) Bridgin connects the outerkinetochore to centromeric chromatin. **Nature Communications** 12: 146.
8. Guin K, Sreekumar L, **Sanyal K*** (2020) Implications of the evolutionary trajectory of centromeres in thefungal kingdom. **Annual Review of Microbiology** 74: 835-853.
9. Guin K, …., Sanyal A*, **Sanyal K*** (2020) Spatial proximity of homologous centromere DNA sequences facilitated karyotype diversity andseeding of evolutionary new centromeres. **eLife** 9: e58556. (*F1000 recommended*).
10. Fang Y, …., **Sanyal K**, Dong S, Nowrousian M, Heitman J (2020) Long transposon-rich centromeres in an oomycete reveal divergence of centromere features in Stramenopila-Alveolata-Rhizaria lineages. **PLOS Genetics** 16: e1008646.
11. Sankaranarayanan SR, …., Heitman J*, **Sanyal K*** (2020) Loss of centromere function drives karyotype evolution in closely related *Malassezia* species. **eLife** 9: e53944. (*highlighted in an eLife digest*).
12. Varshney N*, **Sanyal K*** (2020). Nuclear migration in budding yeasts: position before division. **Current Genetics** 65:1341-1346.
13. Navarro-Mendoza MI, …., Heitman J*, **Sanyal K*,** Garre V* (2019) Early diverging fungus *Mucor circinelloides* lackscentromeric histone CENP-A and displays a mosaic of point and regional centromeres. **Current Biology** 29:3791-3802.e6. (*commentary in Current Biology;F1000 recommended*).
14. Rai LS, …., Sanyal K* (2019) The *Candida albicans* biofilm gene circuit modulated at the chromatin level by a recent molecular histone innovation. **PLOS Biology** 17: e3000422. (*F1000 recommended*).
15. Sreekumar L, …., **Sanyal K*** (2019) Cis- and trans-chromosomalinteractions define pericentric boundaries in the absence of conventional heterochromatin. **Genetics** 212:1121-1132.
16. Varshney N, **Sanyal K*** (2019) Aurora kinase Ipl1 facilitates bilobed distribution of clustered kinetochoresto ensure error-free chromosome segregation in *Candida albicans*. **Molecular Microbiology** 112:569-587.
17. Yadav V, …., **Sanyal K***, Naqvi NI* (2019) Cellular dynamics andgenomic identity of centromeres in cereal blast fungus. **mBio** 10.
18. Prasad P, **Sanyal K**, Ghosh SK (2019) Sth1, the key subunit of the RSC chromatin remodeling complex, is

essential in maintaining chromosomal integrity and mediating high fidelity chromosome segregation in the human fungal pathogen *Candida albicans*. **Frontiers in Microbiology** 10:1303.

19. Legrand M, …., d'Enfert C*, **Sanyal K*** (2019) *Candida albicans*: An emerging yeast modelto study eukaryotic genome plasticity. **Trends in Genetics** 35:292-307.
20. Kakade P, …., **Sanyal K**, Nagaraja V (2019) Two negative regulators of biofilmdevelopment exhibit functional divergence in conferring virulence potential to *Candida albicans*. **FEMS Yeast Research** 19.
21. Varshney N, …., Paul R*, **Sanyal K*** (2019) Spatio-temporalregulation of nuclear division by Aurora B kinase Ipl1 in *Cryptococcus neoformans*. **PLOS Genetics** 15: e1007959.
22. Suneet K, …., **Sanyal K**, Jain S (2019) Magnetic hyperthermia adjunctivetherapy for fungi: in vitro studies against *Candida albicans*. **International Journal of Hyperthermia** 36:545-553.
23. Yadav V, …., **Sanyal K*** (2018) Five pillars of centromeric chromatin in fungalpathogens. **PLOS Pathogens** 14:e1007150.
24. Yadav V*, **Sanyal K*** (2018) Sad1 spatiotemporally regulates kinetochore clustering to ensure high-fidelity chromosome segregation in the human fungal pathogen *Cryptococcus neoformans*. **mSphere** 3.
25. Hoque J, …., **Sanyal K**, Haldar J (2018) Dual-function polymer-silver nanocompositesfor rapid killing of microbes and inhibiting biofilms. **ACS Biomaterials Science and Engineering** 5:81-91.
26. Yadav V, …., **Sanyal K*** (2018) RNAi is a critical determinant of centromere evolution in closely related fungi. **Proc Natl Acad Sci U S A** 115:3108-3113.
27. Rai L, …., **Sanyal K*** (2018) Epigenetic determinants of phenotypic plasticity in *Candidaalbicans*. **Fungal Biology Reviews** 32:10-19.
28. Sun S, …., **Sanyal K**, Heitman J (2017) Fungal genome and mating system transitions facilitated by chromosomal translocations involving intercentromeric recombination. **PLOS Biology** 15: e2002527.
29. Altamirano S, …., **Sanyal K**, Kozubowski L (2017) Fluconazole- induced ploidy change in *Cryptococcus neoformans* results from the uncoupling of cell growth and nucleardivision. **mSphere** 2. (*F1000 recommended)*
30. Ghosh C, …., **Sanyal K**, Haldar J (2017) Aryl-alkyl-lysines: Membrane-active fungicides that act against biofilms of *Candida albicans*. **ACS Infectious Disease** 3:293-301.
31. Zhu Y, …, **Sanyal K**,….., Lehtiö J (2017) Proteogenomics produces comprehensive and highly accurate protein-coding gene annotation in acomplete genome assembly of *Malassezia sympodialis*. **Nucleic Acids Research** 45:2629-2643.
32. Datta A, …., **Sanyal K**, Ramamoorthy A, Bhunia A (2016) Mode of action of a designed antimicrobial peptide: High potency against *Cryptococcus neoformans*. **Biophysical Journal** 111:1724-1737.
33. Hoque J, .., **Sanyal K**, Haldar J (2016) Chitosan derivatives active against multidrug-resistant bacteria and pathogenicfungi: In vivo evaluation as topical antimicrobials. **Molecular Pharmaceutics** 13:3578-3589.
34. Kakade P, …., **Sanyal K**, Nagaraja V (2016) ZCF32, a fungus specific Zn(II)2 Cys6 transcriptionfactor, is a repressor of the biofilm development in the human pathogen *Candida albicans*. **Scientific Reports** 6:31124.
35. Chatterjee G, …., **Sanyal K***(2016) Repeat-associated fission yeast-like regional centromeres in the ascomycetous budding yeast *Candida tropicalis*. **PLOS Genetics** 12: e1005839.
36. Mitra S, …., **Sanyal K*** (2016) Chromatin Immunoprecipitation (ChIP) assay in *Candidaalbicans*. **Methods in Molecular Biology** 1356:43-57.
37. Sutradhar S, …., Paul R*, **Sanyal K*** (2015) Acomprehensive model to predict mitotic division in budding yeasts. **Molecular Biology Cell** 26:3954-3965.
38. K T N*, **Sanyal K*** (2015) The good, the bad, and the ugly: How to protect chromosome stability from potential threats: A report on the Chromosome Stability Meeting, Bangalore, India, 14-17 December, 2014. **Bioessays** 37:717-720.
39. Varshney N, …., Ernst JF*, **Sanyal K*** (2015) A surprising role for the Sch9 protein kinase in chromosome segregation in *Candida albicans* **Genetics** 199:671-674.
40. Hoque J, …., **Sanyal K**, Haldar J (2015) Broad spectrum antibacterial and antifungal polymeric paint

materials: synthesis, structure-activityrelationship, and membrane-active mode of action. **ACS Applied Materials and Interfaces** 7:1804-1815.

41. Mitra S, …., **Sanyal K*** (2014) Rad51-Rad52 mediated maintenance ofcentromeric chromatin in *Candida albicans*. **PLOS Genetics** 10:e1004344.
42. Janbon G, ..**Sanyal K**, …., Dietrich FS (2014) Analysis of the genome and transcriptome of *Cryptococcus neoformans* var. *grubii* reveals complexRNA expression and microevolution leading to virulence attenuation. **PLOS Genetics** 10: e1004261. (*F1000 recommended*)
43. Kozubowski L*, ….,**Sanyal K*** (2013) Ordered kinetochore assembly in the human-pathogenic basidiomycetous yeast *Cryptococcus neoformans*. **mBio** 4: e00614-13.
44. Chakraborty U, …., **Sanyal K*** (2013) A stablehybrid containing haploid genomes of two obligate diploid *Candida* species. **Eukaryotic Cell** 12:1061-1071.
45. Thakur J, **Sanyal K*** (2013) Efficient neocentromere formation is suppressed by gene conversion to maintain centromere function at native physical chromosomal loci in *Candida albicans*. **Genome Research** 23:638-652.
46. Roy B, …., **Sanyal K*** (2013) The process of kinetochore assembly in yeasts. **FEMS Microbiology Letters** 338:107-117.
47. Thakur J, **Sanyal K*** (2012) A coordinated interdependent protein circuitry stabilizes the kinetochore ensemble to protect CENP-A in the human pathogenic yeast *Candida albicans*. **PLOS Genetics** 8: e1002661.
48. **Sanyal K*** (2012) How do microbial pathogens make CENs?. **PLOS Pathogens** 8: e1002463.
49. Roy B, **Sanyal K*** (2011) Diversity in requirement of genetic and epigenetic factors for centromere function in fungi. **Eukaryotic Cell** 10:1384-1395.
50. Thakur J, **Sanyal K*** (2011) The essentiality of the fungus-specific Dam1 complex is correlated with a one-kinetochore-one-microtubule interaction present throughout the cell cycle, independent of the nature of a centromere. **Eukaryotic Cell** 10:1295-1305.
51. Laha S, …., **Sanyal K**, Sinha P (2011) Functional characterization of the *Saccharomyces cerevisiae* protein Chl1 reveals the role of sister chromatid cohesion in the maintenance of spindle lengthduring S-phase arrest. **BMC Genetics** 12:83.
52. Roy B, …., **Sanyal K*** (2011) CaMtw1, a member of the evolutionarily conserved Mis12 kinetochore protein family, is required for efficient inner kinetochore assembly in thepathogenic yeast *Candida albicans*. **Molecular Microbiology** 80:14-32.
53. Padmanabhan S, …., **Sanyal K*** (2008) Rapid evolution of Cse4p-rich centromeric DNA sequences in closely related pathogenic yeasts, *Candida albicans* and *Candidadubliniensis*. **Proc Natl Acad Sci U S A.** 105:19797-19802. (*F1000 recommended*)
54. Baum M^, **Sanyal K^**, …., Carbon J (2006) Formation of functional centromericchromatin is specified epigenetically in *Candida albicans*. **Proc Natl Acad Sci U S A**. 103:14877-14882. (^equally contributed) (F1000 recommended.
55. **Sanyal K**, Baum M, Carbon J (2004) Centromeric DNA sequences in the pathogenic yeast *Candida albicans* are all different and unique. **Proc Natl Acad Sci U S A.** 101:11374-11379.
56. **Sanyal K**, Carbon J (2002) The CENP-A homolog CaCse4p in the pathogenic yeast *Candida albicans* is a centromere protein essential for chromosome transmission. **Proc Natl Acad Sci U S A.** 99:12969-12974.
57. Ghosh SK, …., **Sanyal K**, Sinha P (2001) The *IML3*/*MCM19* gene of *Saccharomycescerevisiae* is required for a kinetochore-related process during chromosome segregation. **Molecular Genetics and Genomics** 265:249-57.
58. **Sanyal K**, Ghosh SK, Sinha P (1998) The *MCM16* gene of the yeast *Saccharomyces cerevisiae* is required for chromosome segregation. **Molecular Genetics and Genomics** 260:242-250.

Publications – Patents

Sanyal K, Padmanabhan S, Thakur R (2016) Polynucleotide sequences of *Candida dubliniensis* and probes forits detection. US Patent 9,334,535

Publications – Book chapters

Sridhar S, …., **Sanyal K** (2017) Centromeres and kinetochore: Essential components of chromosome segregation. In Gene Regulation, Epigenetics, HormoneSignaling (Springer) edited by Mondal S.

Sreekumar S, …., **Sanyal K** (2017) Chromosomal components important for genome stability in*Candida albicans* and related species. In *Candida albicans*: Cellular and Molecular Biology (springer) edited by Prasad R.

Mentorship

PhD students graduated:	12
PhD students pursuing:	09
MS students graduated:	14
MS students pursuing:	02
Postdocs completed:	04
Postdocs pursuing:	03

Seminars

Abroad

- Invited Speaker, 11th International Conference on Cryptococcus and Cryptococcosis, Kampala, Uganda (postponed, to be held in January 2023)
- Invited Speaker, International Conference of the Korean Society for Molecular and Cellular Biology (to be held online in November 2021)
- Webinar Speaker, Temasek Life Science Laboratories, Singapore (2021)
- Invited Speaker, 23rd International Chromosome Congress, Canberra, Australia (July 2021)
- Invited Speaker, International Mycology Conference, Amsterdam, The Netherlands (June 2021, postponed to 2024)
- Webinar Speaker, Epigenetics Hub, Queen Mary University of London (April 2021)
- Webinar Speaker, The Socially Distant Centromere – MIT (USA) (virtual) (2020)
- Invited Speaker, Chromopalooza, Vienna BioCenter, Vienna, Austria (2020)
- Invited Speaker, Temasek Life Science Laboratories, Singapore (2019)
- Invited Speaker, EMBO Conference on Comparative Genomics on Eukaryotic Microorganisms in Costa Brava, Spain (2019)
- Invited Speaker, EMBO Conference on Comparative Genomics on Eukaryotic Microorganisms in Costa Brava, Spain (2019)
- Invited Speaker, Duke University Medical Center, USA (2018)
- Invited Speaker, EMBO Conference on Comparative Genomics on Eukaryotic Microorganisms in Costa Brava, Spain (2017)
- Plenary Speaker, ImResFun, Marie Curie Foundation conference on pathogenic yeasts in Innsbruck, Austria (2017)
- Invited Speaker, EMBO Conference on Kinetochores, Wellcome Trust Centre for Cell Biology, Edinburgh, UK (2017)
- Invited Speaker, Gordon Research Conference on Centromere Biology, at Bentley University MA, USA (2014)
- Invited Speaker, Duke University Medical Center, NC, USA (June 2014)
- Invited Speaker, EMBO conference on centromeres and kinetochore, Barcelona, Spain (2012)
- Invited Speaker, International Conference on Candida by Ramon Foundation in University of Extremadura, Badajoz, Spain (2012)
- Distinguished Visiting Professor and Invited Speaker, University of Extremadura, Badajoz, Spain (2011)

- Invited Speaker, A session on Fungal Centromeres in the 26th Fungal Genetics Conference at Asilomar, California, USA (2011) organized by the Genetic Society of America
- Distinguished Visiting Professor and Invited Speaker, University of Extremadura, Badajoz, Spain (2011)
- Invited Speaker, Duke University Medical Center, NC, USA (2010)
- Invited Speaker, 10th ASM Conference on Candida and Candidiasis, Miami, FL, USA (2010)

India (2019 onwards only)

- Invited Webinar Speaker, Pune University (April 2021)
- Invited Webinar Speaker, University of Mumbai, DAE Centre (March 2021)
- Invited Webinar Speaker, Indian Institute of Science Education and Research, Tirupati (2020)
- Invited Webinar Speaker, Presidency University, Kolkata (2020)
- Invited Webinar Speaker, M S University, Baroda (2020)
- Invited Speaker, Indian Science Congress, Bangalore (2020)
- Invited Speaker, Yeast Meeting, Hyderabad (2019)
- Invited Speaker, Thirsting for Theoretical Biology, International Centre for Theoretical Science (ICTS), Bangalore (2019)
- Invited Speaker, A conference organized by BARC, Mumbai (2019)
- Invited Speaker, BTMO, Indian Institute of Science, Bangalore (2019)

Research grants

Completed: 17
Ongoing: 03

Ongoing
09/2019 –09/2022 PI: Kaustuv Sanyal, Co-PI Arunaloke Chakrabarti
Department of Biotechnology, GoI
Characterization of the genome-wide alterations associated with drug resistance in *Candida tropicalis*

02/2020 – 02/2023 PI: Kaustuv Sanyal
Science and Engineering Research Board, GoI
Understanding the structure-function relation of the kinetochore and its role in chromosomal dynamics during the cell cycle in *Cryptococcus neoformans*

09/2020 – 08/2025 PI: Kaustuv Sanyal
Science and Engineering Research Board, GoI
JC Bose National Fellowship

Notable Awards to students supervised

2012 Jitendra Thakur; Best Thesis, Biological Sciences
2013 Babhrubahan Roy; Best Thesis, Biological Sciences
2014 Sreyoshi Mitra; Best Thesis, Biological Sciences
2018 Jitendra Thakur; INSA Young Scientist Award
2019 Vikas Yadav; INSA and NASI Young Scientist Award
2020 Krishnendu Guin; Best Thesis, Biological Sciences

Professional Responsibilities

Teaching of courses

JNCASR, Bengaluru, India

Graduate level course
Course coordinator and instructor
2006 – present Cellular and Molecular Microbiology

2015 – present Bioinformatics

Undergraduate level
2010 – present Basic Molecular Biology

Centre for Human Genetics, Bengaluru, India
Graduate level course
2015 – present Guest lecturers on basic molecular biology and genetics

Temasek Life Sciences Laboratory, NUS, Singapore
Graduate level course
2014 – present Guest lectures on centromeres, kinetochores, and chromosome segregation
University of Extremadura, Badajoz, Spain
Undergraduate level course
2010 – 2011 Distinguished Visiting Scientist and guest lecturer on Cell Division

Editorial and review activities

Editorial board

Associate Editor, Chromosoma
Associate Editor, Frontiers in Cell and Infection Microbiology

Grant proposals

Indian agencies: CSIR, DBT, DST, ICMR, SERB,
D.S. Kothari Post-Doctoral Fellowship (DSKPDF, UGC)Indo-French (CEFIPRA)
Israel-US bilateral Science Foundation
European Union (Poland, Belgium)
National Science Foundation, USA
Nanyang Technological University, Singapore

Scientific Journals

Applied and Environmental Microbiology, Cell Cycle, Cell Reports, Current Genetics, Epigenetics & Chromatin, Eukaryotic Cell, FEBS Journal, FEBS Microbiology Letters, FEMS Yeast Research, Fungal Genetics & Biology, Genome Biology & Evolution, Genome Research, Journal of Biosciences, Journal of Genetics, Journal of Medical Mycology, Journal of Medical Microbiology, mBio, Molecular Biology & Evolution, Molecular Biology of the Cell, Molecular Microbiology, mSphere, Mycologia, Nature Protocols, Nucleic Acids Research, PeerJ, PLOS Genetics, PLOS One, PLOS Pathogens, PNAS, Scientific Reports, Trends in Genetics, Virulence, Yeast

Evaluator of Faculty promotion/faculty recruitment

CDFD, Hyderabad; IACS, Kolkata; IISER-Kolkata;
IISER-Pune, IISER-Trivandram, IIT-Hyderabad,
IISc- Bengaluru, IMSc -Chennai, NCBS, Bengaluru

National Committees

2020 - Task force, DBT-IISc partnership program
2019 - CSIR Task force
2019 - ICMR Task force

Institutional Committees

Current
Member, Covid19 Taskforce Committee
Faculty in-charge, Central Instrument Facility
Faculty coordinator, Integrated MS-PhD program in Biological Sciences
Vigilance officer

Past
Chair and member, Library Committee
Member, Purchase Committee
Member, Dining Hall Committee

Conference Organizing committees

Indo-German Conference on pathogenic fungi (funded by JNCASR and DFG)
01 – 03 August 2011
JNCASR, Bangalore
Organizers: Kaustuv Sanyal & Joachim Ernst

First Conference on Chromosome Stability (funded by JNCASR and IISER-TVM)
17 – 19 December 2012
Ponmudi Hills, Thiruvananthapuram
Organizers: Kaustuv Sanyal & Nishant K.T.

Second Conference on Chromosome Stability (funded by JNCASR and IISER-TVM, EMBO, IUSTT)
14 – 17 December 2014
JNCASR, Bangalore
Organizers: Kaustuv Sanyal & Nishant K.T.
Featured in Bioessays (http://onlinelibrary.wiley.com/doi/10.1002/bies.201500023/abstract)

Third Conference on Chromosome Stability (funded by JNCASR and IISER-TVM, PLOS Genetics)
15 – 18 December 2016
Kovalam, Thiruvananthapuram
Organizers: Kaustuv Sanyal & Nishant K.T.
Featured in PLOS Blogs (http://blogs.plos.org/biologue/2017/04/13/chromosomes-in-kerala-india-3rd chromosome-stability-meeting-Thiruvananthapuram-December-15-18-2016/)

Fourth Conference on Chromosome Stability (funded by JNCASR and IISER-TVM)
14 – 17 December 2018
JNCASR, Bangalore
Organizers: Kaustuv Sanyal & Nishant K.T.

Fifth Conference on Chromosome Stability (funded by JNCASR and IISER-TVM)
14 – 17 December 2022
IISER- Thiruvananthapuram
Organizers: Kaustuv Sanyal & Nishant K.T.

21st Conference of International Society for Human and Animal Mycology, New Delhi, India
9 – 14 March 2022
New Delhi
Member, National Organizing Committee