



Two Days
International Conference on



AI and *in silico* Insights in Biology

(Virtual Mode)

Jointly Organised by

Entrepreneurship and Incubation cell

of

Seva Sadan's

**R. K. Talreja College of Arts, Science and
Commerce, Ulhasnagar**

Permanently affiliated to University of Mumbai, India

and

Microbiologists Society, India

Dates: 12th & 13th September 2025

Time 10:00 am to 04:30 pm

Resource Persons

Inaugural address

Valedictory address



Dr. Debjani Dasgupta
Director, D Y Patil
University, Navi Mumbai.



Dr. Sarita Mahajani
University of California,
Berkeley-Ext, C.A., U.S.A.



Dr. Anil Fokmare
Director Technical
Omnicals Pharma
Unipessaol LDA,
Portugal



Dr. A.M. Deshmukh
President,
Microbiologists
Society, India

About the Conference

The Two Day Conference on AI and *in Silico* Insights in Biology aims to bring together researchers, academicians, industry professionals, and students to explore the transformative role of Artificial Intelligence in modern biological sciences. The event will highlight computational approaches, predictive modelling, molecular simulations, and data-driven research strategies that are reshaping areas such as drug discovery, genomics, systems biology, and environmental monitoring. Conducted in a Virtual mode, the conference provides a platform for both in-person and virtual participants to share innovative ideas, present case studies, and engage in interdisciplinary discussions that bridge biology with cutting-edge computational tools.

About the College

Established with a vision to impart quality education, Seva Sadan's R.K. Talreja College of Arts, Science and Commerce, Ulhasnagar, has been a prominent centre of academic excellence in the region. Affiliated to the University of Mumbai, the college offers a diverse range of undergraduate and postgraduate programs across various disciplines, fostering holistic growth through academics, research, and extracurricular activities. With well-equipped laboratories, a dedicated faculty, and a strong commitment to student development, the institution has earned a reputation for nurturing talent and encouraging innovation. Over the years, it has also become a hub for seminars, workshops, and conferences, promoting collaborative learning and knowledge exchange.

About the Microbiologists Society, India

The Microbiologists Society, India (MBSI) is a national-level professional body dedicated to advancing the science and practice of microbiology across the country. With a vast network of members including researchers, educators, students, and industry professionals, MSI serves as a platform for scientific exchange, professional development, and collaborative projects. The society actively organizes conferences, training programs, outreach activities, and publications to disseminate cutting-edge research and promote public awareness about microbiology's role in health, industry, agriculture, and the environment. Committed to fostering scientific curiosity and innovation, MBSI plays a vital role in connecting microbiologists and allied professionals nationwide.

Theme of Conference

Harnessing Artificial Intelligence and Computational Approaches for Transformative Discoveries in Biology

This theme reflects the conference's focus on integrating AI-driven analytics, machine learning models, and in silico methodologies to address complex biological challenges. It emphasizes the power of computational innovations in accelerating research, enabling precision in prediction, and fostering interdisciplinary solutions in fields such as genomics, drug design, microbiology, and environmental biology.

Sub-themes of Conference

- Artificial Intelligence and Machine Learning in Biological Data Analysis
- In Silico Drug Discovery, Molecular Docking, and Dynamics Simulations
- Computational Genomics, Transcriptomics, and Proteomics
- AI-based Diagnostics and Predictive Modelling in Healthcare
- Systems Biology and Network Analysis
- Computational Approaches in Microbiology and Virology
- Bioinformatics in Agricultural and Environmental Sciences
- Data Mining, Big Data Analytics, and Cloud Computing in Biology
- AI for Structural Biology and Protein Engineering
- Digital Tools for Disease Surveillance and Epidemiology

Call for Papers

Original Articles, Review articles, Meta analysis and Bibliometric analysis are welcome related to (but not limited to) Subthemes.

All the selected Abstracts and Papers will be considered for publication in Conference Proceedings with ISBN/Peer reviewed Journal with doi no.

Best Paper Presentation Award will be Given to Best Performers.

[Click here for Abstract Template](#)

[Click here for Full Paper template](#)

Time (IST)	Conference agenda	Resource Person/Session Chair/Panelist/s
Day 1: 12th September 2025		
10:00 – 10:10 am	Welcome Address	Dr. Dinesh V. Kala, Principal
10:10 – 10:20 am	Words from the Convener	Dr. Ranjana Khade
10:20 – 10:30 am	Inaugural Address	Dr. Debjani Dasgupta
10:40 – 11:10 am	Plenary Talk 1: Future Biology with AI	Dr. Sarita Mahajani
11:30 – 01:30 pm	Technical Session I – Paper Presentations	Session Chairs and Judges
01:30 – 02:00 pm	Lunch Break	
02:00 – 04:00 pm	Technical Session II – Paper Presentations	Session Chairs and Judges
04:00 – 04:30 pm	Panel Discussion / Day 1 Wrap-up & Summary	Convener, Co-Convener, Members and Advisory Committee Members
Day 2: 13th September 2025 Programme		
10:00 – 10:30 am	Keynote Lecture II: In Silico Sparks in Pharmaceutical Research	Dr. Anil Fokmare (Industry Expert)
11:00 – 02:00 pm	Technical Session III – Paper Presentations	Session Chairs and Judges
02:00-03:00pm	Lunch Break	
03:00-04:15pm	Technical Session IV – Paper Presentations	Session Chairs and Judges
04:20-04:25pm	Valedictory Address	Dr. A. M. Deshmukh
04:25-04:30pm	Declaration of Best Paper Awards and Vote of Thanks	Dr. Meena Rao

Conference Fees Structure

Category	UG/PG students	PhD Scholar/ Faculty/From Industry
Conference Participation	Nil	Nil
Paper Presentation	500 INR	1000 INR
Paper Presentation and Publication	1000 INR	1500 INR

*Registration compulsory for all participants and presenters

Registration link: <https://forms.gle/e3LobH5YBVkGijiE6>

Important Dates

- **Last Date of Registration and Abstract submission: 06/09/2025**
- **Last date of full Manuscript Submission: 20/09/2025**
- **The selected papers will be published in the peer reviewed journal or ISBN Book.**
- **Tentative Date of Publication: 15/12/2025**

Note: Payment by credit card not accepted.

Payment link: <https://www.sevasadan.edu.in/seva-suvridha/web/conference-registration.php>

For any queries or further information, please contact Dr. Parimita P. Sharma (9920485527), Dr. Ranjana Khade (9969259379), or Mr. Nishad Supugade (9987843430), or write to us at iic@ssrkt.edu.in

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