



Accelerating Biology

Workshop & Symposium

Sept 07 - 09, 2026

Reimagining Biology in the AI Era

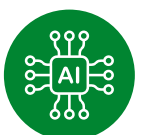
Preamble: Reimagining Biology in the AI Era builds upon the remarkable success of earlier initiatives centered on accelerating biology, marking a significant transition from rapid advancement to intelligent transformation in the life sciences. While previous efforts emphasized speed, scale, and efficiency in research and innovation, the current era is defined by the integration of artificial intelligence, which is reshaping how biological discoveries are made and applied. Biology is no longer confined to traditional observation and experimentation; it is now driven by data, algorithms, and predictive models that enable deeper understanding of complex systems. From genomics to proteomics, AI is unlocking unprecedented insights, accelerating breakthroughs in disease diagnosis, treatment, and prevention, and paving the way for personalized and precision medicine. The fusion of biological sciences with computational technologies is transforming laboratories into smart, interconnected ecosystems, where collaboration across disciplines becomes essential. Researchers, technologists, and innovators must work together to harness the full potential of this synergy, while ensuring that ethical considerations, transparency, and responsible use of AI remain at the forefront. As education and skill development evolve to meet the demands of this rapidly changing landscape, this initiative continues the legacy of accelerating biology while embracing the opportunities of intelligent innovation. It serves as a platform for dialogue, exploration, and collaboration, bringing together thought leaders to redefine the future of life sciences. By bridging past achievements with emerging technologies, National Supercomputing Mission (NSM 2.0) shared vision to reimagine biology in the AI era and create a smarter, healthier, and more sustainable world.

Focus Area:



Futuristic Computing

Quantum Computing | DNA Storage | Embedded Genomics



Multi-omics

Genomics | Transcriptomics | Methylomics | Multiomics Integration-Challenges and Approaches



AI-based Drug Discovery

Deep Learning and Generative Models in Drug Discovery



Industry Session

Startups | Pharma



Workshop on ICECloud

- ▶ Hands-on sessions on Genomics and drug discovery applications
- ▶ To be conducted on 6th September 2026 @ C-DAC Pune

Symposium Highlights:



Talks by renowned Scientists from Academia & Industry



Awards for Best Posters

Poster Submission: All interested participants are encouraged to make a poster presentation of their recent research activities and submit an abstract, not exceeding 250 words.

Payment Method: Visit <https://www.cdac.in/AcceleratingBiology2026> for more details. Registration fees includes delegate kit, refreshments, breakfast, lunch and dinner during the entire event.

Limited participants Only. First Come-First Serve Basis



For details regarding registrations, poster, payment and accommodation please visit our website <https://www.cdac.in/AcceleratingBiology2026>

Important Dates:

Events	Dates
Registration Starts	11 th May 2026
Early Bird Registration Ends	10 th July 2026
Registration Ends	07 th August 2026
Abstract Deadline	07 th August 2026

Registration Fees* :

Category	Early Bird Fees		Fees	
	Symposium + Workshop	Only Symposium	Symposium + Workshop	Only Symposium
Student	₹ 3500/-	₹ 2500/-	₹ 4500/-	₹ 3500/-
Academic / Govt.	₹ 4500/-	₹ 3500/-	₹ 5500/-	₹ 4500/-
Industry	₹ 6500/-	₹ 5500/-	₹ 7500/-	₹ 6500/-

(* Fees are inclusive of GST)

Symposium Venue:

Pune International Center, Panchawati, Pune, Maharashtra 411008

Convenor : Dr. Uddhvesh Sonavane

Kind Attn : Ms. Jyoti Chougale



HPC-Medical and Bioinformatics Applications Group,
Centre for Development of Advanced Computing (C-DAC),
Innovation Park, Panchawati, Pashan, Pune - 411008
Tel.:020-25503272

Special discount* for group registration and BRAF users.

*Kindly contact ab2026@cdac.in

Note: Registration once confirmed are non-transferable & non-refundable.

