

InBOL Healthcare Pvt Ltd, alongside four of its key Partner Institutes, takes immense pleasure in jointly organising

2nd InBOL International Conference on One Health Genomics

Integrating Human, Animal and Plant Health



InBOL (Indian Barcode of Life)



RKM, Golpark, Kolkata

One Health Genomics

One Stop Genomic Solution



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Theme

Connecting Genomes, Empowering Precision Healthcare for Protecting Biodiversity and Transforming Lives

Venue

**Ramakrishna Mission Institute of Culture (RKM)
Golpark, Kolkata, India**

Dates

8–9 January 2027 (Friday–Saturday: 9 AM - 6 PM)
(Two-Day International Conference)

Conference Vision

To create an internationally recognised scientific platform that advances the One Health Mission through genomics and precision medicine by bringing together clinicians, biomedical scientists, veterinarians, plant scientists, bioinformaticians, AI researchers, public health experts, nutritionists, health professional policymakers, and the biotechnology-driven OMICS industry

Conference Motto:

**Connecting Genomes • Advancing Precision Health • Conserving Biodiversity •
Building a Sustainable Future • NEP Skill Development**

Objectives

- Promote interdisciplinary One Health research
- Showcase advances in genomics and precision medicine
- Encourage international collaborations
- Bridge academia, hospitals and industries
- Promote translational genomics
- Strengthen India's National One Health Mission
- Foster innovation, startups and entrepreneurship

✉ Conference Email: conference2027@inbol.org | inbolohg@gmail.com

☎ Phone: 8240520979/9836844111/9230512639/9435372338

📍 InBOL (Indian Barcode of Life) Healthcare 📍 28/CG, Nakuleswar Bhattacharjee Lane, Kalighat-36 (Near Kalighat Metro/Tram Depot)

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About InBOL Healthcare Pvt, Ltd., Kalighat, Kolkata

InBOL Healthcare Pvt. Ltd. (www.inbol.org) is an emerging genomics and biotechnology organisation dedicated to advancing One Health, precision medicine, molecular diagnostics and translational research through innovation, education and industry collaboration.

Founded in 2021 and based in Kolkata, India, InBOL is a multifaceted platform that connects researchers across human, animal, plant, environmental, and digital health. Collaborating with healthcare professionals, educators, industry stakeholders, and policymakers to tackle issues at the convergence of India's National One Health Mission, National Education Policy (NEP) 2020, the Sustainable Development Goals (SDGs), and BioE3, InBOL fosters research excellence, skill development, and entrepreneurship in Genomics and various domains of Translational Biotechnology via OMICS Technology. The organisation vigorously promotes cooperative research, innovation, technology dissemination, and workforce development to translate scientific breakthroughs into cost-effective healthcare solutions and sustainable bio-based technologies. We assist healthcare professionals and researchers in achieving a brighter future and advancing their careers.



Core Areas of Activity



Research & Innovation: Precision medicine, genomics, molecular diagnostics, biodiversity genomics, food authentication, and translational **biotechnology**.



Education & Skill Development: Workshops, internships, certificate programs, faculty development, and hands-on training in genomics, bioinformatics, artificial intelligence, and molecular biology in alignment with **NEP 2020**.



Industry & Healthcare Services: Genomic testing and sequencing support, molecular diagnostics, bioinformatics analysis, research consultancy and collaborative R&D for academia, hospitals, and biotechnology industries.



Vision

To become a globally recognised centre of excellence in **One Health Genomics** by integrating research, education, innovation and entrepreneurship to improve human health, protect biodiversity, strengthen food systems and contribute to sustainable development.



Mission

- Advance multidisciplinary research in genomics and precision health.
- Build national and international scientific collaborations.
- Develop skilled human resources through experiential learning and research.
- Foster innovation, start-ups, and technology commercialisation.
- Promote affordable genomic technologies for healthcare, agriculture, veterinary sciences, fisheries, food safety, and environmental sustainability.
- Support evidence-based policies that strengthen the **One Health** ecosystem.



Partner institutes



Institute of Child Health
(ICH), Kolkata



Haldia Institute of
Technology, Haldia,
West Bengal



Indian Institute of
Engineering Science and
Technology (IIEST), Shibpur



Netaji Subhash Chandra Bose
Cancer Research Institute
(NSCRI), Kolkata



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Conference Highlights

4 Plenary Lectures:

Leading International Scientists

8 Keynote Lectures:

National and International Experts

16 Faculty/Scientist Talks

Young Scientist/Oral Presentation

Industry Innovation Forum

Startup Showcase

Poster Presentation

Best Paper Awards

- Faculty/Scientist
- PhD Scholar
- NEP 2020-PG/UG

Industry Exhibition



Call for Abstract/Papers: (Guidelines on the next page)

- Original Research
- Review Articles
- Case Studies
- Clinical Studies
- Precision Medicine
- Structural Biology
- Industrial Innovations
- AI Applications
- One Health Research
- NEP Research Internships
- Nutrigenomics
- DNA barcoding



Students & early-career researchers seeking abstract/full-paper mentorship may contact mentor@inbol.org



Publication Opportunities: Selected papers may be considered for Conference Proceedings (InBOL)/International Peer-reviewed Journals/ Special Issues



Expected Participation from

- UG-NEP2020 Scholars
- PG Scholars
- PhD Scholars
- Postdoctoral Fellows
- Faculty Members
- Research Scientists
- Clinicians & Dietitians
- Biotechnology Professionals
- Industry Experts
- International Delegates

Expected Participants: 150–200



Important Dates



Abstract Submission

Abstract Submission Deadline

Full Paper Submission

Registration Closes

Conference

Started

15th December 2026

30th December 2026

30th December 2026

8–9 January 2027



For Enquiries: conference2027@inbol.org | InBOL Office: 8240520979 | Prof. Biswajit Bera: 9836844111 | Prof. Sampa Biswas: 9230512639



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Registration Fee

Category	Indian (₹)	International (USD)
Industry	8,000	120
Faculty	5,000	80
Scientist	5,000	80
Postdoctoral Fellow	4,000	60
PhD Scholar	3,000	50
PG Student	2,500	40
UG Student (NEP 2020)	2,000	30



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Designed for organisations seeking dedicated space to showcase instruments, technologies, diagnostics, software, publications, services, and related scientific innovations.

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Key Deliverables & Benefits: Formal acknowledgement and citation during inaugural and valedictory ceremonies/ Prominent inclusion across conference publicity materials, souvenir brochure, and official website/ Dedicated exhibition/display space and priority opportunities for product and service demonstrations

2 Knowledge & Innovation Partners:

Academic Partner — ₹10,000/-

Open to universities, research institutes, academic departments, and learned societies supporting scientific and technical sessions, invited speakers, student delegates, and scholarly exchange.

Start-up Partner — ₹10,000/-

Tailored for emerging ventures in genomics, biotechnology, Nutrition, healthcare diagnostics, artificial intelligence (AI), and computational biology seeking visibility to showcase innovative platforms, products, and commercial pipelines.

3 Award Sponsorship:

Contribution: ₹10,000/- or ₹ 25,000/-per Award:

Individuals, patrons, well-wishers, hospitals, academic institutions, biotech companies, diagnostic laboratories, and corporate foundations are invited to institute and sponsor named conference awards recognising outstanding scientific merit, translational research, and young-investigator excellence.

Recognised Award Categories Available for Sponsorship: Best Research Award/ Young Scientist Award/ NEP 2020 Student Researcher Award (UG / PG category)/ Best Oral Presentation Award/ Best Poster Presentation Award/ Innovation in Genomics Award/ One Health Genomics Excellence Award

Kindly contact conference2027@inbol.org /Prof Biswajit Bera [9836844111]
Prof. Sampa Biswas [9230512639]/Mrs. Anamita Ghosh [9830861243] for any enquiries



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Researchers, academicians, clinicians, and scholars are cordially invited to submit their original, unpublished research and comprehensive reviews. Selected peer-reviewed manuscripts will be featured in the official proceedings and designated journal publication@INBOL

IMRaD

- Introduction
- Methods
- Results
- Discussion

- **Introduction:** Context, biological/clinical significance, and specific research gap.
- **Methods:** Model systems, experimental cohort (n), techniques, platforms, etc.
- **Results:** Objective empirical findings containing measurable metrics and analysis.
- **Discussion:** Mechanistic takeaways, biological implications, and translational value.

Presenter Designation: The name of the presenting author must be explicitly highlighted by underline (e.g., First name Lastname) and provide complete institutional details.

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Indian Barcode of Life
Advancing Bioinformatics and
Healthcare Research in India

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ONE HEALTH MISSION AND GENOMICS

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Peer Review: All submissions will undergo rigorous single/double-blind peer review by an expert editorial panel prior to final acceptance.

- **Format:** Prepare an **A0-size** (portrait) poster with a concise title, author affiliations, clear headings, readable text, and high-resolution figures.
- **Content:** Include an introduction, objectives, methods, key results, conclusions, and selected references, highlighting their relevance to the One Health Mission.
- **Presentation:** The presenting author's name must be underlined. Presenters must attend designated sessions, explain findings, and answer questions.

Students and early-career researchers seeking assistance and mentorship in preparing abstracts (review/research articles for InBOL family members) or full-length research papers may contact: mentor@inbol.org

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2nd InBOL International Conference on One Health Mission towards One Health Genomics Integrating Human, Animal and Plant Health



Programme Schedule

DAY 1 – FRIDAY, 8 JANUARY 2027

INAUGURATION & HUMAN-ANIMAL ONE HEALTH

9:00–9:30 AM	Registration & Welcome Tea
9:30–11:45 AM	Inauguration session
11:45 AM–12:00	Group Photograph & Transition/Tea Snacks

SCIENTIFIC THEME

12:00–1:45 PM	KEY SCIENTIFIC SESSION 1: Human Genomics, Precision & Translational Medicine
1:45–2:30 PM	Lunch & Networking
2:30–4:30 PM	KEY SCIENTIFIC SESSION 2: Infectious Diseases, Microbiome, Molecular Diagnosis
4:30–4:45 PM	Tea / Networking / Poster Viewing
4:30–6:00 PM	Young Scientist & Oral Presentation Session

DAY 2 – SATURDAY, 9 JANUARY 2027

PLANT-FOOD-AI GENOMICS, STRATEGIC FORUMS & AWARDS

9:00–11:00 AM	KEY SCIENTIFIC SESSION 3: Plant, Tea & Nutri-Genomics
11:00–11:30 AM	Tea / Poster Viewing / Networking
11:30 AM–1:30 PM	KEY SCIENTIFIC SESSION 4: Structural Biology, Digital Health, Biodiversity, DNA barcoding
1:30–2:15 PM	Lunch & Networking
2:15–3:15 PM	FACULTY / SCIENTIST TALK/ORAL PRESENTATION
3:15–4:15 PM	SESSION 5 – NEP 2020, RESEARCH & EDUCATION FORUM
4:15–5:00 PM	SESSION 6 – INNOVATION, ENTREPRENEURSHIP FORUM
5:00–6:00 PM	VALEDICTORY, AWARDS & CERTIFICATE CEREMONY



SPEAKERS

