

## INAUGURATION OF THE EVENT

10:30 am - 12:00 noon  
Kalinga 1

### Inaugural Dignitaries

:

**Shri Siddaramaiah**  
Hon'ble Chief Minister  
Government of Karnataka

**Dr. Harsh Vardhan**  
Hon'ble Union Minister for Science & Technology and  
Earth Sciences, Government of India

**Shri S.R. Patil**  
Hon'ble Minister for Information Technology,  
Biotechnology and Science & Technology;  
Planning & Statistics, Government of Karnataka

**Shri. R. Roshan Baig**  
Hon'ble Minister for Infrastructure Development  
Information and Haj, Government of Karnataka

**Shri U.T. Khader**  
Hon'ble Minister for Health & Family Welfare  
Government of Karnataka

**Shri Arvind Jadhav, IAS**  
Chief Secretary to Government  
Government of Karnataka

**Mr. Dominic McAllister**  
British Deputy High Commissioner  
Bengaluru

**Prof. K. VijayRaghavan**  
Secretary, Department of Biotechnology  
Ministry of Science & Technology  
Government of India

### Hosts

:

**Ms. V. Manjula, IAS**  
Principal Secretary, Department of Information  
Technology, Biotechnology and Science &  
Technology, Government of Karnataka

**Dr. Kiran Mazumdar Shaw**  
Chairperson, Karnataka Vision Group on Biotechnology, Bengaluru  
Chairman & Managing Director, Biocon Limited

12:00 noon - 12:30 pm  
**Tea / Coffee Break**

## KEYNOTE LECTURE

12:30 pm - 01:15 pm  
GBR

**Chair & Opening Remarks** : **Prof. H. Sharat Chandra**  
Chairman, Governing Body  
Institute of Bioinformatics and Applied Biotechnology, Bengaluru  
Director, Centre for Human Genetics, Bengaluru  
Emeritus Professor, Indian Institute of Science  
Honorary Professor, JNCASR, Bengaluru

**Speaker** : **Prof. K. VijayRaghavan**  
Secretary, Department of Biotechnology  
Ministry of Science & Technology  
Government of India, New Delhi

01:15 pm - 02:15 pm  
**Lunch**

## MAKING TOMORROW'S MEDICINE

02:15 pm - 03:45 pm  
GBR

**Moderator** : **Mr. Hitesh Sharma**  
Partner, National Life Sciences Leader  
Ernst & Young LLP

**Guest of Honour** : **Dr. Kiran Mazumdar Shaw**  
Chairperson, Karnataka Vision Group on Biotechnology, Bengaluru  
Chairman & Managing Director, Biocon Limited

**Panelists** : **Mr. James Hogg**  
Head, India New Pharmaceutical Factory  
GlaxoSmithKline Pharmaceuticals

**Mr. Sanjay Murdeshwar**  
Managing Director  
Bayer Pharmaceutical Pvt. Ltd.

**Mr. Jon Mowles**  
Life Science Sector Specialist  
UK Trade and Investment

03:45 pm - 04:15 pm  
**Tea Break**

**ONCOLOGY & PRECISION MEDICINE**

04:15 pm - 05:15 pm  
GBR

**Chair & Opening Remarks** : **Dr. Paul Salins**  
Medical Director and Vice President  
Mazumdar Shaw Cancer Centre &  
Narayana Hrudayalaya Multispecialty Hospital, Bengaluru

**Speakers** : **Dr. Alben Sigamani,**  
Head - Clinical Research  
Narayana Hrudayalaya Limited, Bengaluru  
International Faculty, Euclid (Academics)

**Dr. Gordon Sanghera**  
CEO, Oxford Nanopore Technologies  
Oxford, United Kingdom

**Dr. Binay Panda**  
Chief Officer & Head  
Ganit Labs Bio - IT Centre, Bengaluru

**Dr. Sudhir Borgonha**  
Sr. Vice President & Medical Director  
Strand Genomics  
Strand Life Sciences, Bengaluru

**Dr. Sreesha P Srinivasa**  
Assoc. VP & Head - Translational Research  
Biocon Research Ltd.  
Biocon Park, Bengaluru

**RARE DISEASES & ORPHAN DRUGS**

05:15 pm - 06:30 pm  
GBR

- Chair & Opening Remarks** : **Dr. Vijay Chandru**  
Chairman & CEO  
Strand Life Sciences, Bengaluru
- Speakers** : **Mr. Prasanna Shirol**  
Founder Member  
Organisation for Rare Disease India, (ORDI), Bengaluru
- Dr. Aditya Kulkarni**  
Chief Scientific Officer  
Aten Porus Lifesciences Pvt. Ltd., Bengaluru
- Mr. Ravdeep. S. Anand**  
Founder President  
Dystrophy Annihilation Research Trust, Bengaluru
- Dr. Anitha Vijayakumar**  
Chief Scientific Officer  
Oleome, Bengaluru
- Dr. Vikas Sharma**  
Chief Medical Officer, India & Senior Director  
Medical Ethics & Research  
Quintiles, Bengaluru
- Dr. Sushrusha Nayak**  
Visiting Scientist  
Centre for Human Genetics, Bengaluru

**Theme** : **'What's TRENDING in Biotech India.....  
Will the biopharma industry seek an innovation path of growth?'**

**Moderator** : **Dr. Goutam Das**  
Secretary  
Association of Biotechnology Led Enterprises (ABLE)

**Panelists** : **Dr. Kiran Mazumdar Shaw**  
Chairperson, Karnataka Vision Group on Biotechnology  
Chairman & Managing Director, Biocon Limited

**Mr. Amit Chopra**  
Chairman & Managing Director  
Thermo Fisher Scientific, Mumbai

**Ms. Heajin Jung**  
President  
Smart Avenue, Inc., Seoul, Korea

**Dr. P.M. Murali**  
President, Association of Biotechnology Led Enterprises(ABLE);  
Managing Director, Evolva Biotech, Chennai

**Ms. Suneela Thatte**  
VP, Global Operations  
Quintiles India - Asia alliances

**Mr. Jon Mowles**  
Life Science Specialist  
UKTI

**Mr. Durgesh Mukharya**  
Partner  
K&S Partners

**Presentation by Gujarat State Biotech Mission**  
Department of Science and Technology  
Government of Gujarat

08:30 pm  
**Networking Reception**

**AGRIBIOTECHNOLOGY INAUGURAL SESSION**

10:00 am - 11:00 am  
Kalinga 1

- Chief Guest** : **Shri Krishna Byre Gowda**  
Hon'ble Minister of Agriculture for State  
Government of Karnataka
- Guest of Honour** : **Smt. Matia Chowdhury**  
Hon'ble Minister of Agriculture  
Peoples Republic of Bangladesh
- Dignitaries** : **Shri S.R. Patil**  
Hon'ble Minister for Information Technology,  
Biotechnology and Science & Technology;  
Planning & Statistics, Government of Karnataka

**Smt. Latha Krishna Rao, IAS**  
Additional Chief Secretary and Development  
Commissioner, Government of Karnataka

**Ms. V. Manjula, IAS**  
Principal Secretary, Department of Information  
Technology, Biotechnology and Science & Technology  
Government of Karnataka

**Dr. Paresh Verma**  
Managing Director, Research  
Shriram Bioseed Genetics India Ltd., Hyderabad

**Dr. K.K. Narayanan**  
Managing Director  
Metahelix Life Sciences Ltd., Bengaluru

11:00 am - 11:30 am

**Tea Break**

**AGRIBIOTECHNOLOGY FOR FOOD, FEED, FUEL & FIBER SECURITY**

11:30 am - 01:00 pm  
Lalit 1&2

**Chair & Speaker** : **Dr. D.P. Biradar**  
Vice Chancellor  
University of Agricultural Sciences (UAS), Dharwad

**Speakers** : **Dr. S.R. Rao**  
Advisor, Department of Biotechnology (DBT)  
Ministry of Science & Technology  
Government of India

**Dr. C.D. Mayee**  
Chairman, AFC Ltd., Mumbai  
Executive Board Member, ABNE (Burkina Faso), ISAAA, (USA) and  
President, Indian Society for Cotton Improvement, Mumbai  
Former, Chairman Agricultural Scientists Recruitment Board, New Delhi  
Former, Agri. Commissioner, Ministry of Agriculture  
Government of India

**Dr. N. Chandrasekhara Rao**  
Institute of Economic Growth  
University of Delhi Enclave, New Delhi

01: 00 pm - 02:30 pm

**Lunch & Interaction with Exhibitors and Poster**

**AGRIBIOTECHNOLOGY – PANEL DISCUSSION**

02:30 pm - 03:45 pm  
Lalit 1&2

**Theme:** 'Overcoming Roadblocks.....Creating Roadmap'

**Moderator :** **Dr. C. Vasudevappa**  
Vice Chancellor  
University of Agricultural and Horticultural Sciences, Shimoga

**Dr. Kameswara Rao**  
Coordinator  
Foundation for Biotechnology Awareness and Education, Bengaluru

**Panelists :** **Dr. D.P. Biradar**  
Vice Chancellor  
University of Agricultural Sciences (UAS), Dharwad

**Dr. S.R. Rao**  
Advisor, Department of Biotechnology (DBT)  
Ministry of Science & Technology  
Government of India

**Dr. C.D. Mayee**  
Chairman, AFC Ltd., Mumbai  
Executive Board Member, ABNE (Burkina Faso), ISAAA, (USA) and  
President, Indian Society for Cotton Improvement, Mumbai  
Former, Chairman Agricultural Scientists Recruitment Board, New Delhi  
Former, Agri. Commissioner, Ministry of Agriculture  
Government of India

**Dr. N. Chandrasekhara Rao**  
Institute of Economic Growth  
University of Delhi Enclave, New Delhi

**Dr. Paresh Verma**  
Managing Director, Research  
Shriram Bioseed Genetics India Ltd., Hyderabad

**Mr Dhiraj Pant**  
Director  
Technology Department, Monsanto India Region

03:45 pm - 04: 15 pm  
**Tea Break**



**BIOFUELS AS A VIABLE / FEASIBLE ALTERNATIVE IN INDIA**

04:15 pm - 06:00 pm  
Lalit 1&2

- Chair & Speaker** : **Dr. S.R. Rao**  
Advisor, Department of Biotechnology (DBT)  
Ministry of Science & Technology  
Government of India
- Speaker** : **Dr. Ajit Sapre**  
Group President - R & T  
Reliance Industries Ltd.
- Panelists** : **Dr. M.K. Ramesh**  
Professor of Law; Chair Professor (Urban Poor and the Law)  
National Law School of India University, Bengaluru
- Dr. Shrikumar Suryanarayanan**  
Chairman  
Sea6 Energy, Bengaluru
- Dr. Senthil Chinnasamy**  
CTO  
Aban Infrastructure Private Limited (Biotech Division), Chennai
- Dr. Tomal Dattaroy**  
Lead, Regulatory Affairs - Biology,  
Reliance R&D Centre, Mumbai

FARMERS INTERACTION

11:00 am - 01:00 pm  
GBR

- Moderator** : **Dr. T.M. Manjunath**  
Consultant in Agri-biotechnology & IPM, Bengaluru  
Former Director, Monsanto Research Center
- Panelists** : **Dr. M. Mahadevappa**  
Director (Rural Development), JSSMVP, Mysore  
Ex-Chairman, ASRB; Ex-Vice Chancellor  
UAS - Dharwad
- Dr. C. Kameswara Rao**  
Executive Secretary  
Foundation for Biotechnology Awareness & Education, Bengaluru
- Dr. Mittur Jagadish**  
Head - Biotech Facilitation Cell  
KBITS - Department of IT BT and S&T  
Government of Karnataka, Bengaluru
- Dr. K. S. Mohan**  
Biotech Product Stewardship Consultant  
Bengaluru
- Dr. Vasanth Kumar Thimakapura**  
Director Technical  
Green Life Science Technology Pvt. Ltd., Mysore
- Dr. Aswath Chennareddy**  
Head, Division of Biotechnology  
Indian Institute of Horticultural Research, ICAR, Bengaluru
- Dr. P.H. Ramanjini Gowda**  
Professor of Plant Biotechnology  
University of Agricultural Sciences, GKVK Campus, Bengaluru
- Dr. Kankanallu S. Ravi**  
Head, Vegetable Research Centre  
MAHYCO Ltd., Bengaluru
- Dr. K.C. Ravi**  
Lead - Asia Testing, Vegetable Breeding  
Monsanto Breeding Station, Bengaluru

**Speakers**

:

**Dr. Jagadish Mittur**

Head - Biotech Facilitation Cell  
KBITS, Government of Karnataka

**Mr. Shyam Suryanarayanan**

CEO  
C-Drive, Bengaluru

**Mr. Rakesh Dubey**

GM - Policy & Industry Affairs  
Monsanto India Region

**Dr. Shridhar Narayanan**

Director & CSO  
Foundation for Neglected Disease Research, Bengaluru

**Dr. Ramanan Thirumoorthy**

Vice President Technical  
Richcore Life Sciences, Bengaluru

**Mr. Nitesh Jangir**

Co-Founder  
Coeo Labs, Bengaluru

**Mr. Vikraman Venu Saranyan**

COO  
IKP EDEN, Bengaluru

04:30 pm - 06:00 pm

**Biotech Finishing Schools Convocation**

**REGENERATIVE MEDICINE – FROM HOPE TO REALITY**

11:30 am - 01: 00 pm  
Lalit 3&4

**Chair & Opening Remarks** : **Dr. B.N. Manohar**  
Managing Director  
Stempeutics Research Pvt. Ltd., Bengaluru

**Speakers** : **Dr. S.R. Subrammanian**  
Professor of Vascular Surgery  
Madras Medical College, Chennai

**Mr. Satyen Sanghavi**  
Chief Scientific Officer & Executive Director,  
Regenerative Medical Services Pvt. Ltd., Mumbai

**Dr. Himanshu Matalia**  
Medical Superintendent of NN2 and Consultant in Cornea  
Ocular surface and Refractive Surgery  
Head, Stem Cell Research Group  
Narayana Nethralaya-2, Narayana Health City, Bengaluru

01: 00 pm - 02:30 pm

**Lunch & Interaction with Exhibitors and Poster**

**SYNTHETIC BIOLOGY**

02:30 pm - 04:00 pm  
Lalit 3&4

**Chair & Opening Remarks** : **Dr. P. M. Murali**  
President, Association of Biotechnology Led Enterprises (ABLE)  
Bengaluru  
Managing Director, Evolva Biotech, Chennai

**Speakers** : **Dr. Ramaswamy**  
Senior Professor & Former Dean  
Institute for Stem Cell Biology and Regenerative Medicine  
National Centre for Biological Sciences  
Tata Institute of Fundamental Research, Bengaluru

**Dr. Pawan Dhar**  
Professor & Head, Synthetic Biology Program  
School of Biotechnology  
Jawaharlal Nehru University, New Delhi

**Dr. Carlos Barreiro**  
Head of Industrial Processes Area  
INBIOTEC (Institute of Biotechnology of Leon), Leon, Spain

**Dr. Ezhil Subbian**  
Founder & CEO  
String Bio Pvt. Ltd., Bengaluru

**Dr. Syed Shams Yazdani**  
Group Leader, Synthetic Biology and Biofuels Group Coordinator  
DBT - ICGEB Centre for Advanced Bio - Energy  
Research, International Centre for Genetic  
Engineering and Biotechnology, New Delhi

03:45 pm - 04: 30 pm

**Tea Break**

## IoT IN HEALTHCARE

04:30 pm - 06:00 pm  
Lalit 3&4

- Chair & Speaker** : **Prof. Gundu Rao**  
Emeritus Professor, Lillehei Heart Institute  
Institute for Engineering Medicine  
University of Minnesota & Technology Advisor  
Institution of Engineers India, Bengaluru
- Speakers** : **Dr. Anand Madanagopal**  
Founder and CEO  
Cardiac Design Labs Pvt. Ltd., Bengaluru
- Dr. Prasanth Perugupalli**  
Managing Director  
IMEC India Pvt. Ltd., Bengaluru
- Dr. Shyam Vasudev Rao**  
Founder  
Forus Healthcare, Bengaluru

## BIOEXCELLENCE AWARDS FUNCTION

07:00 pm onwards  
Kalinga 1

- Dignitaries** : **Shri S.R. Patil**  
Hon'ble Minister for Information Technology,  
Biotechnology and Science & Technology and  
Planning & Statistics, Government of Karnataka
- Dr. K.S. Ravindranath**  
Vice Chancellor  
Rajiv Gandhi University of Health Sciences  
Karnataka
- Ms. V. Manjula, IAS**  
Principal Secretary, Department of Information  
Technology, Biotechnology and Science &  
Technology, Government of Karnataka

**PROTEOMICS & BIOINFORMATICS**

10:00 am - 11:30 am  
Lalit 1&2

**Chair & Opening Remarks** : **Prof. Tatu**  
Professor  
Indian Institute of Science, Bengaluru

**Speakers** : **Dr. Pragyan Acharya**  
Dean, Research  
AIIMS, New Delhi

**Dr. Dhanasekaran**  
CSIR Scientist and DBT Ramalingaswami Fellow  
Biochemical Sciences Division  
National Chemical Laboratory, Pune

**Dr. Rita Christopher**  
Professor & Head  
NIMHANS, Bengaluru

11:30 am - 12:00 noon  
**Tea Break**

**PROTEOMICS & BIOINFORMATICS**

12:00 noon - 01:30 pm  
Lalit 1&2

**Chair & Opening Remarks** : **Prof. Tatu**  
Professor  
Indian Institute of Science, Bengaluru

**Speakers** : **Dr. Priya Kadam**  
Senior Scientist  
MedGenome, Bengaluru

**Dr. Amjad Hussain**  
Group Leader, Cellworks Research  
Cellworks Research India Pvt. Ltd., Bengaluru

**Dr. Kalyan Sundaram**  
Chief Scientific Officer  
Strand Life Sciences, Bengaluru

**Guest of Honour** : **Shri M. Lakshminarayana**  
Principal Secretary (H&FW), (I/C)  
Health and Family Welfare Department  
Government of Karnataka

**Chair** : **Dr. P.M. Murali**  
President  
Association of Biotechnology Led Enterprises

**Speakers** : **Mr. Dinesh Iyer**  
GM Finance  
Syngene International Ltd., Bengaluru

**Ms. Sweta Pachlangiya**  
Investor Relations & Business Analyst  
Syngene International

**BEST Team Presentations**

**Presenters** : **Defence & Food Research Laboratory**  
Mysore, Karnataka

**Indian Institute of Technology**  
Kharagpur, West Bengal

**Institute of Chemical Technology**  
Mumbai, Maharashtra

09.30 am - 9:45 am

**Tea Break**



**"Starting Up" in the Life-Sciences Sector**

**Moderator** : **Dr. P.M. Murali**  
President  
Association of Biotechnology Led Enterprises

**Panelists** : **Ms. V. Manjula, IAS**  
Principal Secretary, Department of Information  
Technology, Biotechnology and Science &  
Technology, Government of Karnataka

**Dr. Kiran Mazumdar Shaw**  
Chairperson, Karnataka Vision Group on Biotechnology  
Chairman & Managing Director, Biocon Limited

**Dr. Vijay Chandru**  
Chairman & CEO  
Strand Life Sciences, Bengaluru

***Innovation for Social Causes***

**Moderator** : **Dr. Jitendra Kumar**  
Bangalore Bioinnovation Centre (BBC)  
*(A section 8 Company promoted by KBITS  
Dept of IT, BT and S&T, Govt. of Karnataka)*  
Bangalore Helix Biotech Park *(Supported by DBT, Govt of India)*

**Jury members** : **Principal Secretaries**  
**Heads of Health, Agriculture**  
**Energy Departments**  
Government of Karnataka

11:45 am - 12:00 noon  
**Tea Break**

**FUNDING EARLY RESEARCH VENTURES PRIVATE AND  
PUBLIC ANGELS**

12:00 noon - 12:45 pm  
GBR

**Moderator** : **Ms. Deepanwita Chattopadhyay**  
Chairman & CEO  
IKP

**Panelists** : **Dr. M. Ariz Ahammed**  
Joint Secretary  
Department of Pharmaceuticals

**Dr. Jitendra Kumar**  
**Bangalore Bioinnovation Centre (BBC)**  
*(A section 8 Company promoted by KBITS  
Dept of IT, BT and S&T, Govt. of Karnataka)*  
Bangalore Helix Biotech Park *(Supported by DBT, Govt of India)*

**Mr. D.A. Prasanna**  
Founder  
Acunova Life Sciences LLP

**Prof. Chirantan Chatterjee**  
Indian Institute of Management  
Bengaluru

12:45 pm - 01:30 pm

**Budding Unicorns**

**Presentations by three early Stage Companies**

01:30 pm - 02:45 pm

**Lunch and Interaction with Exhibitors & Posters**

**Dignitaries**

:

**Shri S.R. Patil**

Hon'ble Minister for Information Technology,  
Biotechnology and Science & Technology  
and Planning & Statistics, Government of Karnataka

**Dr. Satyajit Mayor**

Director  
National Centre for Biological Science (NCBS)

**Dr. V. Prakash**

Distinguished Scientist of CSIR-India  
Vice-President of Int. Union of Nutritional Sciences, London, UK  
Immediate Past Director, CSIR-CFTRI, Mysore

**Ms. V. Manjula, IAS**

Principal Secretary, Department of Information  
Technology, Biotechnology and Science &  
Technology, Government of Karnataka