



Venture Center
 100, NCL Innovation Park
 Dr. Homi Bhabha Road, Pune –411008
 Email: eventsdesk@venturecenter.co.in
 Phone: +91-20-2586-5877

Technical Workshops Series – 2014

Workshop on
Addressing Congenital Anomalies in Indian Infants
 - Organized by Venture Center -

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| Potential gains | <ul style="list-style-type: none"> • Get an overview of key issues/ challenges and emerging opportunities • Explore potential industry-academia/research/medical fraternity partnerships in technology development and advancement to address maternal and child health issues prevalent in India. Meet and network with experts in the Pune region. • Learn about recently announced funding opportunities |
| Organized by | <ul style="list-style-type: none"> • Bioincubator at Venture Center (Bioincubator at Venture Center is supported by BIRAC, Government of India) |
| Supported by | <ul style="list-style-type: none"> • Biotechnology Industry Research and Assistance Council (BIRAC) • Venture Center |
| For whom | <ul style="list-style-type: none"> • NGOs • Industry professionals • Researchers and students • Entrepreneurs/ startups with interest • Impact/ Social Investors with interest in venture financing for MCH. • Medical doctors and clinicians |
| When | Saturday, 6 th September 2014 0900-1700 hrs |
| Where | Training Room, Venture Center, 100 NCL Innovation Park, Dr. Homi Bhabha Road, Pune-411008 |
| Contact | Ms. Lipika Biswas Phone: +91-20-25865877 Email: eventsdesk@venturecenter.co.in |
| Cost | <ul style="list-style-type: none"> • <i>Prior registration is required, Registration fee: Rs 100/-</i>. Register online at: http://venturecenter.co.in/campaigns/mch/events.php <i>Attendance only on confirmation of registration.</i> • First preference to industry professionals, entrepreneurs, investors, senior researchers, NGOs, Doctors. Students shall be allowed to participate if seats are available. • Organizers reserve the right to select participants so as to maximize learning and networking opportunities for the group. |

Introduction

We aim to network all stakeholders to help initiate useful projects, start-ups etc for addressing Child health related issues prevalent in India.

Workshop aims to:

- Provide an update of key issues relating to birth defects in infants in India.
- Explore potential industry-academia/research partnerships in technology development and advancement.
- Foster networks with industry/academic experts/doctors/NGOs.



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- Introduce some recent funding opportunities

Workshop Outline

Workshop shall consist of:

- Talks
- Panel discussions
- Networking sessions

Workshop includes






- Workshop includes tea/ snacks
- Lunch
- Membership in mailing list to follow-up on workshop
- Participants will receive the workshop report via email

Workshop Outline

| Time (hrs) | Topic | Speakers |
|------------|---|---|
| 0915-0930 | Registration | |
| 0930-0945 | Welcome to Venture Center BioIncubator. Introduction to the workshop. | Pradnya Aradhya |
| 0945-1000 | Quick Overview: Congenital anomalies in India – Current status, key problems and needs, and opportunities to address the issues | Mugdha Lele |
| 1000-1045 | Public health perspective: Overview of disease burden of birth defects in India. | Anita Kar |
| 1045-1100 | Networking and Tea | |
| 1100-1145 | Diagnosis and management of genetic abnormalities and congenital anomalies: The Indian scenario | Prakash Gambhir |
| 1145-1230 | Prenatal diagnostic tests: What are the limitations? | Manisha Doiphode |
| 1230-1330 | Lunch | |
| 1330-1500 | Panel discussion: Setting the agenda for addressing Congenital Anomalies <ul style="list-style-type: none"> • Key issues related to Congenital anomalies. Priority areas. • Genetic Counseling: Problems and limitations in the clinical scenario in India • Current approaches to addressing the issues and challenges faced • Potential areas for technology intervention. Other approaches to addressing the issues. | Moderator: Premnath V/ Manisha Premnath/ Mugdha Lele Panelists: Anant Bhan, Manisha Doiphode, Prakash Gambhir, Anita Kar, Sunil Lohade Rapporteur: Mugdha Lele |
| 1500-1545 | Ethical and regulatory issues in genetic testing | Anant Bhan |
| 1545-1600 | An overview of emerging funding opportunities: SPARSH from BIRAC focused on Reproductive, Maternal, Newborn and Child Health (Deadline: 30 Sept 2014) | Pradnya Aradhya |

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| 1600-1630 | Q&A for SPARSH funding scheme (over SKYPE) | BIRAC: Sonia Gandhi |
| 1630-1700 | Examples of innovators working on technological interventions | |
| 1700-1715 | Closing comments and closure of the event | |

Speakers and Panelists (in alphabetical order of last names)

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|  PRADNYA ARADHYE | <p>Pradnya Aradhye is currently Associate, Bioincubator, Venture Center. She has done her M.Tech in Biological Sciences and Bioengineering from IIT Kanpur. Currently she is handling all BioIncubator activities at Venture Center. She is responsible for creating a pipeline of potential and signing-up incubates for the Bioincubator. Contribute to building scientific support systems and resources for VC incubates including specific expertise. Discussions with scientists to understand their competencies.</p> |
|  ANANT BHAN | <p>Dr Anant Bhan is an independent bioethics and global health researcher. He is a medical doctor by profession and completed his medicine degree from Bangalore Medical College and Research Institute. Further he did PGDMLE, Medical Law and Ethics from National Law School India University. He went to University of Toronto to do MHSc in Bioethics. He has various research publications on public health and bioethics to his credit.</p> |
|  MANISHA DOIPHODE | <p>Dr. Manisha Doiphode is a consultant in prenatal genetics and fetal medicine. She has completed her postgraduate diploma from University College London. She has been practising as genetic counsellor and fetal medicine consultant since 2005. She is visiting faculty at Pune University and Maharashtra University of Health Sciences, Nashik. She has interest in research and is involved in clinical and community research projects. She has publications in peer reviewed journals to her credit.</p> |
|  PRAKASH GAMBHIR | <p>Dr. Prakash Gambhir is presently Associate professor of paediatrics and Genetic Clinic in charge at B.J.Medical college and Sassoon General Hospitals Pune. He has also his own well equipped Genetics Laboratory and Genetic Clinic in Pune. He has graduated with Gold Medal for M.D Pediatrics. He has worked in various ICMR DBT and DST task force projects in Human Genetics and also obtained training in genetics in Germany. He has published more than 25 papers in reputed international and national journals. These include many rare case syndromes as well as novel hypothesis. His current research interests include Prenatal screening, Newborn screening, fetal dysmorphology and rare disorders.</p> |
|  SONIA GANDHI | <p>Sonia Gandhi is currently assisting the Investment group of BIRAC, New Delhi as Project Manager and is responsible for proper functioning of the grants management system, ensuring compliance to regulations, evaluation and management of projects as per guidelines. Previous to this she worked with BIRAP as Program Manager for Healthcare with responsibility of Techno-commercial guidance and support for projects in identified areas of Healthcare Industry. Prior to this, she was in Quality Management Systems of Reliance Life Sciences and is involved in ensuring the compliance of various processes of the product development to applicable regulatory guidelines. She is double Masters in Biotechnology and Quality Management and also a Certified Quality Management Professional from Birla Institute of Technology and Science and Reliance Institute of Life Sciences. She also visited the EMA, MHRA, HTA and NICE offices at UK to understand the regulatory scenario impacting Medical Devices, Clinical Trials, Vaccines and Stem Cells development.</p> |




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|  <p>ANITA KAR</p> | <p>Dr Anita Kar is Director at Institute of Health Sciences at University of Pune. She has done her PhD from University of Calcutta in Zoology and Cytogenetics and completed her Post-doctoral training at University of Zoology, Massachusetts Institute of Technology, USA. She has numerous national and international publications and academic and research awards to her credit. Dr Kar is member of various academic and research committees for Public Health Curriculum Development, Advisory boards, Institutional Bio-safety Committee and Ethics Committees.</p> |
|  <p>MUGDHA LELE</p> | <p>Dr Mugdha Lele is a Scientific Advisor at Venture Center, NCL Innovation Park, Pune. She was previously an Assistant Professor in Dept of Genetics, Immunology and Biochemistry at Maharashtra University of Health Sciences. Her research work is related to epidemiological profiling and development of molecular diagnostics for Genetic disorders. She has a few national and international publications to her credit.</p> |
|  <p>SUNIL LOHADE</p> | <p>Dr. Sunil Lohade is a Pediatrician at Lohade Hospital, Chinchwad, Pune. He is trained as a haemophilia specialist at the Royal Free hospital in UK and is associated with the Haemophilia Federation of India, Pune Chapter from its inception in 1991. Currently he is Vice-president of the Pune Chapter.</p> |
|  <p>MANISHA PREMNATH</p> | <p>Dr Manisha Premnath is currently associated with Venture Center, Entrepreneurship Development Center, Pune as a General Manager. Her current interest lies in biotechnology, microbiology, molecular & cell biology, biotech commercialization, planning and setting up tech dev programs and labs etc. She has a PhD (Bio-technology), University of Pune and has a post doc experience from University of Cambridge.</p> |
|  <p>PREMNATH VENUGOPALAN</p> | <p>Dr. V. Premnath Founding Director – Venture Center and Head, NCL Innovations. He holds a B.Tech. from the Indian Institute of Technology - Bombay and a Ph.D. from the Massachusetts Institute of Technology, USA. He has also been a Chevening Technology Enterprise Fellow with the Centre for Scientific Enterprises, London Business School and Cambridge University, UK. He brings with him considerable experience in technology development and commercialization, working with start-up companies (in Cambridge-UK and India) and engaging with large corporations on research and consulting projects as project leader.</p> |



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ABOUT THE ORGANIZERS

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|  | <p>About Venture Center</p> <p>Entrepreneurship Development Center (Venture Center) – a CSIR initiative – is a Section 25 company hosted by the National Chemical Laboratory, Pune. Venture Center strives to nucleate and nurture technology and knowledge-based enterprises by leveraging the scientific and engineering competencies of the institutions in the Pune region in India. The Venture Center is a technology business incubator supported by the Department of Science & Technology’s National Science & Technology Entrepreneurship Development Board (DST-NSTEDB). Venture Center’s focuses on technology enterprises offering products and services exploiting scientific expertise in the areas of materials, chemicals and biological sciences & engineering.</p> <p>For more information, visit HUhttp://www.venturecenter.co.in/UH</p> |
|  | <p>About Bioincubator</p> <p>The BioIncubator at Venture Center aims to nucleate and nurture technology and knowledge-based enterprises leveraging knowledge in the areas of biotechnology (biopharma, agrobiotech, industrial biotech, clean technology), biomedical engineering/ devices/ diagnostics, biomass value addition/ renewable fuels/chemicals/materials, bioinformatics, bio/medical services and related disciplines.</p> <p>Created with support from DBT-BIRAC under the Bioincubator Support Scheme.</p> <p>For more information, visit HUhttp://www.bioincubator.venturecenter.co.in/UH</p> |

ABOUT THE SPONSORS

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|  | <p>Biotechnology Industry Research & Assistance Council is a new industry-academia interface and implements its mandate through a wide range of impact initiatives, be it providing access to risk capital through targeted funding, technology transfer, IP management and handholding schemes that help bring innovation excellence to the biotech firms and make them globally competitive.</p> <p>For more information about BIRAC: www.birac.nic.in</p> |
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