



Veterinary Diagnostics Technologies Matchmaker (VDMM)

Technology Showcase

-- Organized by Techex.in --

POTENTIAL GAINS	<ul style="list-style-type: none"> Listen to pitches for available technologies by the innovators from VD domain. Hand holding by TechEx.in team for taking innovation to market. E-Meet and network with innovators, enthusiasts and experts from India and abroad.
ORGANIZED BY	<ul style="list-style-type: none"> TechEx.in, a Tech transfer hub at Venture Center
CSR Partner	<ul style="list-style-type: none"> Kemin Industries
SUPPORTED BY	<ul style="list-style-type: none"> Venture Center National Biopharma Mission BIRAC
FOR WHOM	<ul style="list-style-type: none"> Individuals interested in knowing about the technologies For startups, entrepreneurs, small/ medium size companies, large companies/ corporates, investors.
WHEN	Wednesday, 11th December 2024 Time: 4.00 PM-6.00 PM (Indian Standard Time)
WHERE	All sessions will be held on an online platform.
CONTACT	<p>Technical queries: Ms Pradnya A pradnya@venturecenter.co.in</p> <p>Registration queries: Mr Vineet Joshi vineet.joshi@venturecenter.co.in</p>
REGISTRATION	<ul style="list-style-type: none"> FREE and on a first come first served basis, but registration is mandatory. Register here: https://docs.google.com/forms/d/e/1FAIpQLSfkFwK_tOanj-3sgeU2nCbSUSK6S-xlW38Zlwe18rb5ka1slQ/viewform?usp=sf_link Tech Seekers (invitees and attendees) have an option to attend the event anonymously. To choose this option, please click the relevant tick box while registering. Please note: <ul style="list-style-type: none"> The registered attendees will be sent the link to join the online session a day prior to the seminar. Organizers reserve the right to select participants so as to optimize the group for better interaction and ensure benefit to as many relevant participants as possible.



Introduction

We aim to initiate technology matchmaking in Veterinary Diagnostics space. Showcase aims to facilitate technology matchmaking and potential tech transfer/ collaborative/ sponsored research projects.

Showcase includes

- Welcome address from Director, VC
- Pitches by the innovators followed by a Q & A session
- Expert opinions

Showcase 1 Schedule

Time	Duration	Session title	Speaker
4:00- 4:05 PM	5 mins	Introduction to Venture Center and TechEx.in	Kavita Parekh
4:05- 4:15 PM	10 mins	Set the stage for the showcase	<ul style="list-style-type: none">• Premnath V• Pradnya Aradhye
4:15- 4:25 PM	10 mins	Micro+, diagnostic tool for measuring minerals in livestock	Suganth Murugaraj, Attox Research Lab
4:25- 4:30 PM	5 mins	Q & A/ Comments from Experts	
4:30- 4:40 PM	10 mins	Detection of Mycotoxins in animal feed	V Koteswara Rao, CSIR-NCL
4:40- 4:45 PM	5 mins	Q & A/ Comments from Experts	
4:45- 4:55 PM	10 mins	PathCrisp, a Crispr based diagnostic platform for cattles	Vanadana Hegde, CrisprBits Pvt Ltd
4:55- 5:00 PM	5 mins	Q & A/ Comments from Experts	
5:00- 5:10 PM	10 mins	Reagent-free Point of care Subclinical Mastitis detector for Dairy animals	Ragul Paramasivam, Chimertech Pvt Ltd
5:10- 5:15 PM	5 mins	Q & A/ Comments from Experts	
5:15- 5:25 PM	10 mins	Nanomedicine to treat trypanosomiasis in animals	Anil Jindal, BITS-Pilani
5:25- 5:30 PM	5 mins	Q & A/ Comments from Experts	
5:30- 5:40 PM	10 mins	Ethno Veterinary product for animal ticks removal	Shivleela V B, POMLA Naturala LLP
5:40- 5:45 PM	5 mins	Q & A/ Comments from Experts	
5:45 – 6:00 PM	15 mins	Concluding session - Comments from experts, Instructions for next steps, Vote of thanks	<ul style="list-style-type: none">• Dr Premnath V• Dr Girish Sohani• Dr Sambuddha Ghosh



Speakers & Experts (in alphabetical order of last names)



Dr Sambuddha Ghosh

Founding Director of AbGenics Life Sciences & ABEL Biosolutions

Dr. Sambuddha Ghosh is a doctorate in Virology, with a wide experience in the areas of vaccine production, quality control as well as developmental and translational research. He has contributed in senior management positions of various multinational organizations and vaccine operations for more than 15 years, and has spearheaded many projects through the evolving global markets.

He has executed due diligence assessments regarding CMC and supply issues pertaining to vaccines & biopharmaceutical licensing transactions, including post-merger integration and restructuring of research, manufacturing and process development functions. At Venky's, he also initiated and accomplished clinical trials of recombinant bio-therapeutic human biologics molecules. He also served a short tenure as the industrial representative on the Indo-American knowledge initiative on Animal Biotechnology and significantly contributed in introducing the concepts of modern intellectual property management in the background of changing economy, as well as gaining access to new technologies and develop methods for new products/technology process transfers.



Ms Vandana Hegde

VP-Business Development, CrisprBits Pvt Ltd

Vandana is a skilled professional with a diverse educational background and over 20 years of experience in the Biopharma/Life Science/Healthcare industry. She holds an Executive MBA from the Indian Institute of Management, Bangalore, showcasing her strong business acumen, and a postgraduate degree in Biochemistry from Bangalore University.





As an entrepreneur, she co-founded and served as CEO of Genemine Discoveries Pvt Ltd, which was selected for the Elevate Accelerator Program under KITS.

During the recent COVID pandemic, she, as the Chief Operating Officer at Bengaluru Genomics Center, played a pivotal role in enhancing operations and implementing technological innovations, resulting in substantial revenue generation.



In her role as a Business Manager at Chromous Biotech Pvt Ltd, she spearheaded operations, focusing on profitability, and successfully identifying new market opportunities that led to remarkable revenue growth. Furthermore, she gained valuable international experience as a Senior Scientist at Bristol Meyer's Squibb and the University of Maryland, USA, where she implemented and optimized new protocols, contributing to scientific research and development.

Passionate about making a positive impact in healthcare, Vandana believes in the potential of CRISPR technology to revolutionize point-of-care by providing high-quality, affordable healthcare solutions. She envisions a future where gene editing, precision medicine, and computer science combine to advance gene therapy, transforming disease treatment and improving patient outcomes.



	<p>Dr Anil Jindal Associate Professor, BITS-Pilani</p> <p>Anil Jindal is an accomplished educator and drug delivery technologist. He has completed his PhD in Pharmaceutics at the Institute of Chemical Technology, Mumbai, India. After completing his studies, he worked as a Research Scientist at IPCA Laboratories, Mumbai. In 2014, he transitioned to academia and joined the Department of Pharmacy at Birla Institute of Technology and Science Pilani as an Assistant Professor and was promoted to Associate Professor in 2021. His research focuses on developing nanotechnology-based drug delivery systems to effectively deliver small molecules and therapeutic peptides. He has published numerous research papers and book chapters. He has received numerous awards for his work, including the Professor M. L. Khurana Memorial Award for the best research paper in Pharmaceutics and Biopharmaceutics in 2010, the Eudragit Award in 2017, and the Early Career Research Award in 2019. His supervised research has also been recognized with several awards, and one of his PhD students received the prestigious Sun Pharma Science Scholar Award in 2020. Considering his research contribution, he has been appointed as a managing theme editor of the Advanced Drug Delivery Reviews (Impact factor:17.87).</p>
	<p>Mr Sugantha Murugaraj Co-founder, Attox Research Labs</p>
	<p>Dr Ragul Paramasivam Founder and CEO - Chimertech Private Limited</p> <p>Experienced Co-Founder with a demonstrated history of working in the biotechnology industry. Skilled in Management, Protein Engineering, Invitro Diagnosis, Assay development, Chemical Engineering and Public Speaking. Strong business development professional with a Doctor of Philosophy - Ph.D. focused in Immunology and Diagnosis from Monash University.</p>
	<p>Dr V Premnath Director Venture Center, Head NCL Innovations & Chief Scientist, Polymer Science Division, CSIR-National Chemical Laboratory Pune</p> <p>Dr V. Premnath is currently the Head, NCL Innovations – the group within National Chemical Laboratory (NCL), charged with the responsibility of championing the cause of technology innovation within NCL. He also provides leadership for the Intellectual Property Group at NCL – one of the India’s leading IP management group based out of research institutions. Dr. Premnath is also the Director of the Venture Center – a Technology Business Incubator at NCL campus. He</p>



	<p>is also a Scientist, Polymer Science & Engineering Division at NCL with an interest in technology development for biomedical products.</p> <p>Dr. Premnath is the founder and first Director of Venture Center, CSIR-Tech (a technology commercialization company), Orthocrafts Innovations (degradable synthetic polymer based biomed products startup) and BioMed Innovations (silk based biomaterials startup).</p> <p>Dr. V. Premnath 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 (two successfully commercialized families of biomedical products), incubation and innovation management, working with startup companies (in Cambridge-UK and India) and engaging with large corporations on research and consulting projects as a project leader.</p>
	<p>Dr V Kotesvara Rao Senior Scientist : Biochemical Sciences Division, CSIR- National Chemical Laboratory</p>
	<p>Mr Girish Sohani Principal Advisor and Trustee, BAIF</p> <p>Mr. Girish has an extensive experience of over 40 years' experience in Natural Resource Management and Rural livelihoods.</p> <p>He holds a Bachelor of Technology degree in Mechanical Engineering from IIT Bombay along with a Postgraduate Diploma in Business Management from IIM, Ahmedabad.</p> <p>He has been associated with BAIF Development Research foundation (a national level organization working on rural development and applied research with over 5 million families in 12 states of India), initially as President & Managing Trustee (2009 – 2021) and currently as Principal Advisor and Trustee (w.e.f 2021). He is now also a member of the Governing Boards of BAIF Development Research Foundation and its Associate organizations, and several other development organizations. Alongwith with this, he also been Independent Director, Maharashtra Knowledge Corporation Limited (MKCL). 2019 onwards.</p> <p>Previously he was involved in Institutional Development of BAIF into a multi-sectoral development organization and as a Resource Institution. He also served as an expert on various Committees of State and Central Government, NABARD, National and International Agencies.</p> <p>Mr. Girish has published / presented over 25 papers at National / International conferences and has received several awards for this work. Some of the awards received by him include "Distinguished Alumnus Award 2011" by the Indian Institute of Technology, Bombay in recognition of outstanding contributions to Rural and Community Development, "Maha –</p>



	<p>Intrapreneur Award 2013” by Praj Industries Ltd. at the hands of Dr. Anil Kakodkar and “Commander in the Order of Agricultural Merit” by the Minister of Agriculture, Agrifood and Forestry, Government of France (2016).</p> <p>.</p>
	<p>Dr Shivleela V B</p>



Organized by	
	<p>TECHEX.IN is a Technology Transfer Hub operated by Venture Center, Pune, India and supported by the National Biopharma Mission, BIRAC (Govt of India). TECHEX.IN aims to help technology developers and technology commercialization entities find each other's, forge partnerships and advance the technology closer to the market in a win-win partnership. In this mission, TECHEX.IN will build upon learnings, methods and experiences of NCL Innovations (department of CSIR-NCL championing innovations), IPFACE (IP Facilitation Center) and Venture Center (technology business incubator).</p> <p>The TECHEX.IN is based in the western part of India. While its focus is on organizations in Maharashtra, Gujarat and Goa states of India, it welcomes technology developers and technology commercialization entities from any part of the world. For more information please visit: techex.in</p>
Supported by	
	<p>National Biopharma Mission (NBM) is a Mission of the Government of India approved by the Cabinet for implementation in May 2017. The NBM's mission is to make India a hub for design and development of novel, affordable and effective biopharmaceutical products and solutions. The NBM has an allocation of US\$ 250 million and is jointly funded by the Government of India and the World Bank in equal measure. The NBM is officially known as "An Industry-Academia Collaborative Mission of Department of Biotechnology (DBT) for Accelerating Early Development for Biopharmaceuticals". Biotechnology Research Assistance Council (BIRAC) is the implementation partner of the Government of India for the Mission. For more information, visit: https://birac.nic.in/nbm/</p>
	<p>Biotechnology Industry Research & Assistance Council (BIRAC) 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. For more information, visit: www.birac.nic.in</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: http://www.venturecenter.co.in/</p>