

The unsung heroes of the Medicine Makers Power List 2015

15 May 2015 | News | By BioSpectrum Bureau

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The Medicine Maker, a UK-based publication's power list has featured numerous luminaries on its prestigious rolls. The objective of the list was to find the most influential medicine makers for 2015. The power list, which has been compiled from reader nominations and with the help of experts, is based solely on merit of work. It also features fellow Indians who are doing remarkably well in their respective fields. Biospectrum takes a look at some of the unsung heroes of the power list 2015.

1. Vikramaditya G Yadav, assistant professor, Department of Chemical and Biological Engineering, **The University of British Columbia, Canada**

'Biosynthetics' - a novel paradigm for discovering and synthesizing potent bioactive molecules - is a focus of Dr Yadav's research group. The group also focuses on formulation and assembly of drugs and their translation to certain pathological conditions. They recently embarked on the development of a brain-on-chip device for preclinical testing of anti-neurodegeneration drugs.

2. Indresh K Srivastava, vice president, **Product Realization, Protein Sciences**

With a strong background in vaccine development, particularly immunogen design, purification, analytical and formulation development, Mr Srivastava has published extensively in these areas. He served on the NIH special emphasis study section focused on vaccine development for 10 years and spent more than 12 years at Chiron Corporation/Novartis Vaccines and Diagnostics.

3. Manish Soman, president and CEO, **Sciformix**

In just three years, Mr Soman helped Sciformix to evolve from a niche area into a leading global scientific process organization for the biopharmaceutical, generic pharmaceutical, consumer product, medical device and contract research industries.

4. Tarit Mukhopadhyay, lecturer, **Vaccine Bioprocess Development, University College London, UK**

Mr Mukhopadhyay is a biochemical engineer who has been active in vaccine development for over 10 years. He creates

scale-down models to accurately mimic the production environment. "With this, I can employ high-throughput techniques to quickly attain the optimum manufacturing process," he explains. "This methodology has been successfully applied to bacterial and virus vaccines."

5. Ajaz Hussain, executive director, The National Institute for Pharmaceutical Technology and Education, USA

Mr Hussain has previously worked for the FDA, where he became deputy director of its Office of Pharmaceutical Studies in 2000. He also held a Senior Biomedical Research Scientist position. He is widely recognized for his leadership of several FDA initiatives such as Process Analytical Technology and Pharmaceutical Quality for the 21st Century

6. Dalvir Gill, chief executive officer and member of the Board of Directors, TransCelerate BioPharma

With over 25 years in drug development, Mr Gill says that his most satisfying career achievement is leading the charge as CEO for TransCelerate BioPharma. "It's an innovative collaboration across the global biopharmaceutical R&D community to identify and solve common R&D challenges, in order to deliver high-quality medicines to patients," he says.

7. Raman Singh, president, Mundipharma Asia Pacific, Latin America, Middle East and Africa

Mr Singh oversees all aspects of the Mundipharma business - a leader in pain management - across his territories, which operate as a network of independent companies. Prior to this appointment, Mr Singh was the VP of Commercial Operations for Emerging Markets at GlaxoSmithKline. A nominator commented that Mr Singh is "putting patients at the center of healthcare business."