



Symposium

Cells to Cellular Programming

at LHC5, Lecture Hall Complex, IISER Mohali, 20 April 2016

09.15 - 09.30 AM Introduction

Session 1

09.30 - 10.10 AM **Systems medicine and systems pharmacology**

Professor Shankar Subramaniam

University of California, San Diego, USA

10.10 - 10.50 AM

REST: One transcription factor - many functions; a tale of parsimony and opportunism

Professor Noel J Buckley

Department of Psychiatry, University of Oxford, UK

10.50 - 11.20 AM

Break

Session 2

11.20 - 12.00 PM

Engineering tools for stem cell biology

Professor Shyni Varghese

Jacobs School of Engineering, University of California, San Diego, USA

12.00 - 12.40 PM

Regulating stem cell activity in the adult brain

Professor Francois Guillemot

Division of Molecular Neurobiology MRC National Institute of Medical Research (NIMR), UK

12.40 - 02.00 PM

Lunch

02.00 - 03.00 PM

Poster Session

03.00 - 03.40 PM

Tea Break

Session 3

03.40 - 04.20 PM

Paradigm shift in cancer biomarker development with omics technologies

Professor Ranajit Chakraborty

University of North Texas Health Science Center, USA

04.20 - 05.10 PM

Insights on the stochastic origins of triggered cardiac arrhythmias

Professor Raimond L Winslow

Johns Hopkins University School of Medicine Biomedical Engineering, USA

05.10 - 05.50 PM

Tuberculosis and the sputum microbiome

Professor Douglas Young

National Institute for Medical Research, London, UK

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