



**NESCI-ESNATS Conference on  
Stem cell-based Toxicology and Drug Screening  
Wednesday 22<sup>nd</sup> April, Newcastle, Centre for Life, Scotswood Suite**

**Programme**

9.00 – 9.30	Registration
9.30 - 9.45	<b>Introduction to Conference</b> , (Prof. Karim Nayernia) <b>Welcoming Speech</b> , (Prof. Chris Day, Pro-Vice-Chancellor, Faculty of Medical Sciences)
9.45-10.00	<b>Introduction to NESCI</b> , (Prof. Michael Whitaker, NESCI Co-director)
10.00-10.15	<b>Introduction to ESNATS</b> , (Prof. Juergen Hescheler, ESNATS Coordinator)
10.15 – 10.50	<b>"Challenges and opportunities in the use of stem cells in early drug discovery"</b> (Dr Philip Wright, Chief Executive SC4SM)
10.50 – 11.25	<b>Application of embryonic stem cell model for drug discovery and development</b> (Prof. Agapios Sachinidis, University of Cologne)
11.25 – 12.00	<b>Automation in stem cell-based Toxicology</b> (Dr. Rosemary Drake, The Automation Partnership)
12.00 – 12.35	<b>Stem Cells in Embryo Toxicology</b> (Dr. Paul DeSousa, University of Edinburgh)
12.35 - 13.30	Lunch Break
13.30 – 14.05	<b>Stem Cells in Female Reproductive Toxicology</b> (Dr Giovanna Lazzari, Laboratorio di Tecnologie della Riproduzione)
14.05– 14.40	<b>Stem Cells in Male Reproductive Toxicology</b> (Prof, Karim Nayernia, University of Newcastle)
14.40 – 15.15	<b>Industrial Applications of human Embryonic stem cells in toxicology</b> (Dr. Raimund Strehl, Cellartis)
15.15 - 15.50	tea, coffee break
15.50 – 16.25	<b>Stem Cell-based Model of Neurotoxicity</b> (Prof. Karl-Heinz Krause, Geneva University Hospital)
16.25 – 17.00	<b>Human Neural Stem Cell Approaches in Neurotoxicology</b> (Dr. Chris Morris, University of Newcastle)
17.00 –17.35	(Dr Sebastian Sethe, NESCI)

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