



EMBL – DST Scientific Event “Connecting Continents through Molecular Biology”

Date	Wednesday 05th October
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Venue	Southern Sun-Cape Sun Cape Town
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Contact and Registration	Cleopatra Shilubane and Palesa Motsoeneng
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Schedule

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| 13:30 – 14:00 | Welcome coffee / Registration (DST - Cleopatra Shilubane and Palesa Motsoeneng) |
| 14:00 – 14:15 | Opening address on behalf of DST
<i>Dr. Phil Mjwara, DST Director-General – (Confirmed)</i> |
| 14:15 – 14:30 | Opening address on behalf of EMBL
<i>Prof. Iain Mattaj, EMBL Director General – TBC</i> |
| 14:30 – 14:50 | International cooperation in science as a mechanism to address global challenges
<i>Dr. Silke Schumacher, EMBL Director International Relations</i> |
| 14:50 – 15:10 | Research and facilities in the Institute for Infectious Disease and Molecular Medicine
<i>Prof. Valerie Mizrahi, Molecular Mycobacteriology Research Unit & DST/NRF Centre of Excellence for Biomedical TB Research, Institute of Infectious Disease & Molecular Medicine, University of Cape Town</i> |
| 15:10 – 15:30 | Structural Biology Research, Infrastructures and Services at EMBL
<i>Dr. Annabel Parret, EMBL Hamburg Staff Scientist</i> |



- 15:30 – 15:50 Mass spectrometry applications in diagnostics and biomarker discovery in TB
Prof. Jonathan Blackburn, Principal Investigator Applied Proteomics and Chemical Biology group, Institute of Infectious Disease and Molecular Medicine UCT Faculty of Health Sciences, University of Cape Town
- 15:50 – 16:20 Coffee break
- 16:20 – 16:40 Applying EMBL-EBI data resources to increasing national bioinformatics capabilities and supporting open science
Dr. Johanna McEntyre, EMBL-EBI Team Leader
- 16:40 – 17:00 Challenges of Data Sharing and Analysis in South Africa
Prof. Nicola Mulder, Principal Investigator Computational Biology (CBIO) Group, Institute of Infectious Disease and Molecular Medicine UCT Faculty of Health Sciences, University of Cape Town
- 17:00 – 17:20 DST Clinical Drug Development Programme (North-West University)
Prof. Anne Grobler, Director DST/NWU Preclinical Drug Development Platform – PCDDP, North-West University– TBC
- 17:20 – 17:40 Bridging scales through state-of-the-art imaging technologies
Dr. Rainer Pepperkok - EMBL Head of Core Facilities and Head of Advanced Light Microscopy Core Facility
- 17:40 – 18:00 Synthetic Biology
Prof. Musa Mhlanga, Research Group Leader, University of Cape Town Dept. of Integrative Biomedical Sciences & CSIR & IMM (Lisboa)
- 18:00 – 18:15 Closing remarks