



Cri iCS WORKSHOP

*“The challenges of
multi-scale integration in Biology”*

*Round Tables
& Chairmen*



Day 1

1. Single-cell RNA-seq to analyse cell fate decision

Moderator: **Dr. Alexander Skupin**

Luxembourg Centre for Systems Biomedicine (Luxembourg)



2. Modelling dynamical systems

Moderator: **Prof. Peter Ashwin**

University of Exeter (Exeter, UK)



3. Critical transitions in Neuroscience

Moderator: **Dr. Viktor Jirsa**

Institute de Neurosciences des Systèmes (Marseille, France)



4. Machine Learning meets Mathematics

Moderator: **Prof. Jeroen Lamb**

Imperial College London (London, UK)



5. Microbial community as active matter

Moderator: **Dr. Anupam Sengupta**

Physics and Materials Science Research Unit (Luxembourg)



Day 2

6. High-dimensional data analysis

Moderator: **Prof. Luonan Chen**

Shanghai Institutes for Biological Sciences (Shanghai, China)



7. Risk evaluation and management

Moderator: **Prof. Jang Schiltz**

University of Luxembourg (Luxembourg)



8. Cell-cell communication

Moderator: **Dr. Mirjana Efremova**

Wellcome Trust Sanger Institute (Cambridge, UK)



9. Time series analysis

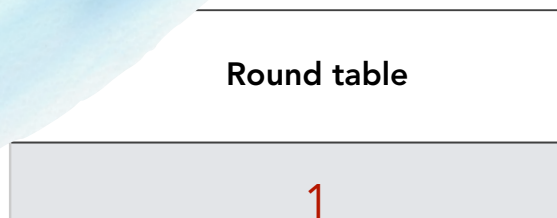
Moderator: **Dr. Laurent Mombaerts**

Luxembourg Centre for Systems Biomedicine (Luxembourg)



Shared folders for round tables

Please insert/find here additional material



Round table	Link to folder
1	https://bit.ly/31fB5MF
2	https://bit.ly/32hKF2U
3	https://bit.ly/32qsDM0
4	https://bit.ly/32kQa0l
5	https://bit.ly/2OROdop
6	https://bit.ly/2OQSHfd
7	https://bit.ly/31l1nx0
8	https://bit.ly/2ITeZJe
9	https://bit.ly/31ow2JX

