



CITER Annual Scientific Meeting 2020 Online Programme

Monday 14th September 2020

09:50 – 09:55 **Welcome Address**
CITER Chair

SESSION ONE - CITER and Immunology, Infection and Inflammation

Chair: Dr Renata Jurkowska
Co-Chair: ECs

- 10:00 – 10:30 **“Multiple Sclerosis: current landscape, ongoing challenges and unmet needs”**
Dr Emma Tallantyre, School of Medicine, Cardiff University
- 10:30 – 11:00 **“Targeting HMGB1 as a Master Switch of Neuroinflammation after Traumatic Brain Injury: A Novel Approach to Enhance Brain Repair”.**
Dr Malik Zaben, Neuroscience & Mental Health Research Institute, Cardiff University
- 11:00 – 11:10 **Virtual Mid-morning break**
- 11:15 – 12:00 **KEYNOTE SPEAKER: “The role of maggots in wound disinfection and healing”.**
Professor Yamni Nigam, College of Human and Health Sciences, Swansea University
- 12:00 – 12:10 Jellagen Ltd
- 12:10 – 12:20 Gold sponsorship talk
- 12:20 – 12:30 General Discussion (Q&A) with all speakers
- 12:30 – 13:00 **Virtual Lunch Break**

SESSION TWO - CITER and Applied Healthcare Technology

Chair: Dr Mohammad Al-Amri
Co-Chair: ECs

- 13:00 – 13:45 **KEYNOTE SPEAKER: “Future biomechanics technology for rehabilitation and orthopaedic surgery”**
Professor Philip Rowe, University of Strathclyde
- 13:45 – 14:15 **“DOMINO-HD: Exploring Multi-Domain Lifestyle Targets for Improving ProgNosis in Huntington’s Disease”**
Professor Monica Busse, School of Medicine, Cardiff University and Dr Philippa Morgan-Jones, School of Engineering, Cardiff University

14:15 – 14:45 **“Adventures with ultra-strong gradients in MRI: Towards in vivo histological quantification”**
Professor Dereck Jones, School of Psychology, Cardiff University

14:45 – 15:00 General Discussion (Q&A) with all speakers

SESSION THREE - CITER Funding and Awards (Private session for Cardiff University only)

Chair: CITER
Co-Chair: ECs

15:15 – 15:45 CITER Young Investigator Award 2020
Dr Rob Knight, School of Medicine

15:45 – 16:15 **“Evaluation of novel epoxy-tiglane pharmaceuticals as modulators of impaired wound healing responses in chronic wound fibroblasts”**
CITER Seedcorn bursary winner 2017 – 2018
Dr Rachael Moses, School of Dentistry, Cardiff University

16:15 – 16:45 **„Development of a portable virtual reality physiotherapy game for knee rehabilitation”**
CITER Seedcorn bursary winner 2018-2019
Dr Mohammad Al-Amril, School of Healthcare Sciences, Cardiff University

16:45 – 17:15 **“The benefits and opportunities of engaging the public with research”**
Carl Smith, ISSF Wellcome Trust Engagement Officer, Cardiff University

17:15 – 17:20 **General Discussion (Q&A) with all speakers**

Tuesday 15th September 2020

09:20 – 09:30 **Welcome Address**
CITER Chair

SESSION FOUR - CITER Fire talks

Chair: Dr Rebecca Weiser
Co-Chair: ECs

09:30 – 10:30 Fire talks– 2-minute poster presentations

10:30 – 10:45 General Discussion (Q&A) with all speakers

10:45 – 11:00 **Virtual Mid-morning break**

SESSION FIVE - CITER and Mind, Brain and Neurosciences

Chair: Dr. Yasir Syed
Co-Chair: ECs

11:00 – 11:45 **KEYNOTE SPEAKER: “Enabling stratified neurotherapeutics using stem cell disease models”.**
Dr Zameel Cader, University of Oxford

11:45 – 12:15 **“Mechanistic insights into genetic risk for psychiatric disorder”**
Professor Lawrence Wilkinson, Neuroscience & Mental Health Research

Institute, School of Medicine, Cardiff University

12:15 - 12:45 **"Neural stem cells and adult neurogenesis in various neurogenic niches of the brain"**
Dr David Petrik, School of Biosciences, Cardiff University

12:45 – 13:00 General Discussion (Q&A) with all speakers

13:00 – 13:30 **Virtual Lunch Break**

SESSION SIX - CITER and Cancer

Chair: Prof Jean-Yves Maillard

Co-Chair:

13:30 – 14:15 **KEYNOTE SPEAKER: "Cellular plasticity and cell-type of origin of Barrett's Oesophagus"**
Professor Xin Lu, Ludwig Institute for Cancer Research, University of Oxford

14.15 – 14:45 **"Stem Cells and Cancer: From Mice to Molecules and Back Again"**
Professor Matt Smalley, European Cancer Stem Cell Research Institute, School of Biosciences, Cardiff University

14:45– 15:15 **"Advanced Therapies in Haematology and Oncology"**
Professor Oliver Ottmann, School of Medicine, Cardiff University

15:15 – 15:30 General Discussion (Q&A) with all speakers

SESSION SEVEN - CITER Session (Private for Cardiff University only)

15:30 – 15:45 ***"Research funding opportunities and how to win them"***
Dr Andrew Staphnill, Research Development Officer, Cardiff University

15:45 – 16:00 **CITER Soc Committee**
Andrew Robertson, CITER Soc Chair 2019 - 2020

16:00 - 16:15 **CITER Engagement Committee**
Dr Siân Morgan, Chair CITER Engagement Committee

16:15 - 16:30 **Closing remarks and prize presentation**
CITER Chair