**Fourth Australian Bioprinting Workshop for**

**Tissue Engineering and Regenerative Medicine**

**December 1st - 2nd, 2022**

**UTS, Sydney, Australia**

…………………………………………………………………………………………

|  |
| --- |
| **Day 1 - Welcome/Opening Remarks 9:00 – 9:10***Prof. Joanne Tipper and Dr. Carmine Gentile - University of Technology Sydney**Theatre room - Building 11, level 0, room 401 + Link* |
| **3D Bioprinting Systems 9:10 – 10:50** ***MODERATORS: Dr. Carmine Gentile****Theatre room - Building 11, level 0, room 401 + Link* |
| **9:10 – 9:40**  | *Bioink development and state of the art bioprinting technologies and applications****Dr. Haruka Yoshie -*** *CELLINK* |
| **9:40 –10:10**  | *3D Bio-Printing of Scaffolds with Superior Mechanical Properties Using Human Collagen Bioink - A Practical Approach****Gal Salinas*** *- CollPlant* |
| **10:10 – 10:20** | *Biorelevance of Precision bioprinting microtissues****Andreas Svanstroem*** *- Fluicell* |
| **10:20 – 10:30** | *Poietis NGB platform : Next-Gen Bioprinting of cells for tissue engineering****Bruno Brisson*** *- Poietis* |
| **10:30 - 10:40**  | *Talk title pending****TBC -*** *RegenHU* |
| **10:40-10:50** | *Brinter 3D Bioprinting Technology and Applications**Dr. Antti Arjonen - Brinter* |
| **10:50 – 11.10 Morning tea break** *Theatre room - Building 11, level 0, room 401 + Link* |
| **3D Bioprinting System Demonstrations**  **11:10 – 12.30** *HIVE Super Lab, Building 2, Level 1, Room 120*  |
| **12:30 – 13:30 Lunch break***Theatre room - Building 11, level 0, room 401 + Link* |

|  |
| --- |
| **Art and 3D Bioprinting 13:30 – 14:30** ***MODERATORS:*  *Dr. Paul Brown and Linda Dement****Theatre room - Building 11, level 0, room 401 + Link* |
| **13:30 – 13:50** | *Talk title pending****Dr. Paul Brown & Linda Dement*** *– University of Technology Sydney*  |
| **13:50 – 14:10**  | *Talk title pending****Laura Splan -*** *New York* |
| **14:10 – 14:30**  | *Talk title pending****Cynthia Verspaget*** *- Curtin University* |
| **Data Arena Arts Exhibition 14:30 – 15:00** **Host:  *Linda Dement*** *Data Arena, Building 11, Level 2, Room 101* |
| **15:00 – 15:25 Afternoon tea break** *Theatre room - Building 11, level 0, room 401 + Link* |
| **Keynote Presentation 15:25 – 16:10** ***Prof. Tim Woodfield –*** *University of Otago**Theatre room - Building 11, level 0, room 401 + Link* |
| **Early Career Researchers/Students 16:10 – 17:00** ***MODERATOR:*** *Theatre room - Building 11, level 0, room 401 + Link* |
| **16:10 – 16:20** | *Talk title pending****Dr. Giulia Silvani -*** *University of Technology Sydney* |
| **16:20 – 16:30** | *Talk title pending****Dr. Bram Soliman -*** *University of New South Wales* |
| **16:30 – 16:33**  | *TBC* |
| **16:33 – 16:36** | *Talk title pending****Anna Kulaga –*** *University of Wollongong* |
| **16:36 – 16:39** | *Talk title pending****Callum Vidler*** *- University of Melbourne* |
| **16:39 – 16:42** | *TBC****Eileen Wallace*** *– University of Wollongong* |
| **16:42 – 16:45** | *Acoustic microsystems for particle and cell manipulation****William Harley*** *- University of Melbourne* |
| **16:45 – 16:48** | *Talk title pending****Mitchell St Clair-Glover –*** *University of Wollongong* |
| **16:48 – 16:51** | *Talk title pending****Niina Mathews*** *- University of Technology Sydney* |
| **16:51 – 16:54** | *Talk title pending****Eugenia Spessot -*** *University of Sydney* |
| **16:54 – 16:57** | *Talk title pending****Wafa Al Shameri*** *- University of Technology Sydney* |
| **16:57 – 17:00** | *Talk title pending****Hassan Bahrani*** *- University of Technology Sydney* |
| **Meet the Editor** **17:00 – 17:45***Theatre room - Building 11, level 0, room 401 + Link* |
| **17:00 – 17:45** | *Talk title pending****Dr. Christine-Maria Horejs & Dr. Cristina Lo Giudice****Chief Editor, Nature Reviews Bioengineering, Nature Materials* |
| **Closing remarks 17:45 – 17:50** **Host:**  ***Dr. Carmine Gentile****Theatre room - Building 11, level 0, room 401 + Link* |

|  |
| --- |
| **Day 2 - Welcome Remarks 9:00 – 9:05***Dr. Carmine Gentile - University of Technology Sydney**Theatre room - Building 11, level 0, room 401 + Link* |
| **Keynote Presentation 9:05 – 9:45** ***Prof. Maria Kavalarias –*** *Children’s Cancer Institute**Theatre room - Building 11, level 0, room 401 + Link* |
| **Invited leaders 9:45 – 12:40** *Theatre room - Building 11, level 0, room 401 + Link* |
| **9:45 – 10:05**  | *Talk title pending****Dr. Daniel Nieto Garcia*** *-**University of Santiago de Compostela* |
| **10:05 –10:25**  | *Talk title pending****Dr. Tiziano Serra*** *–**AO Research Institute* |
| **10:25 - 10:45**  | *Talk title pending****Dr. Grissel Trujillo de Santiago*** *- Tecnológico de Monterrey* |
| **10:45 – 11:00 Morning tea***Theatre room - Building 11, level 0, room 401 + Link* |
| **11:00 – 11:20** | *Talk title pending****A/Prof. Kris Killian*** *– University of New South Wales* |
| **11:20 – 11:40** | *Talk title pending****Dr. Zhilian Yue*** *– University of Wollongong* |
| **11:40 – 12:00** | *Talk title pending****A/Prof. Khoon Lim*** *– University of Sydney* |
| **12:00 – 12:20** | *Talk title pending****A/Prof. Irina Kabakova*** – *University of Technology Sydney* |
| **12:20 – 12:40** | *Talk title pending****Dr. Anita Quigley*** *– RMIT University* |
| **12:40 – 14:00 Australasian Society for 3D Bioprinting (AS3B) Team Discussions (lunch provided)** *Building 11, Level 0, Room 100* |
| **Women in 3D Printing 14:00 – 15:00** **Hosted by: Niina Mathews***Theatre room - Building 11, level 0, room 401 + Link* |
| **Data Arena Arts Exhibition 15:00 – 17:00** **Hosted by: Linda Dement***Data Arena, Building 11, Level 2, Room 101* |
| **15:00 – 15:15 Afternoon tea break***Theatre room - Building 11, level 0, room 401 + Link* |
| **Brillouin Microscopy Lab Tour 15:15 – 16:15** **Hosted by: A/Prof. Irina Kabakova (10 people each tour)***Microstructured Analysis Unit, Level 2, Building 4* |
| **Closing remarks/Networking 16:15 – 17:00** **Hosted by: Dr. Carmine Gentile***Theatre room - Building 11, level 0, room 401 + Link* |