**Fourth Australian Bioprinting Workshop for**

**Tissue Engineering and Regenerative Medicine**

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

**UTS, Sydney, Australia**

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| **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* | |

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| **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* | |

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| **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* | |