


# 4<sup>th</sup> International Symposium on Mechanobiology

Sydney Nanoscience Hub, The University of Sydney, Australia

## PRELIMINARY PROGRAM


v3.3

Day 1:	Sunday 6 November, 2022	
2:00pm - 2:15pm	WELCOME TO COUNTRY	
2:15pm - 2:30pm	WELCOME TO CONFERENCE	Boris Martinac, Benjamin Eggleton
2:30pm - 3:20pm	 PLENARY TALK: <b>Martin Chalfie</b>	Chair: Boris Martinac
3:20pm - 3:55pm	KEYNOTE TALK: <b>David Beech</b>	
3:55pm - 4:20pm	Afternoon break with refreshments	
	MECHANICS IN CANCER session	Chair: Yu Suk Choi
4:20pm - 4:45pm	INVITED TALK: <b>Chwee Teck Lim</b>	
4:45pm - 5:10pm	INVITED TALK: <b>Geraldine O'Neill</b>	
5:10pm - 5:35pm	INVITED TALK: <b>Adam Engler</b>	
5:35pm - 6:00pm	INVITED TALK: <b>Dennis Discher</b>	

<b>Day 2: Monday 7 November, 2022</b>	
9:00am - 9:05am	ACKNOWLEDGEMENT OF COUNTRY
9:05am - 9:55am	PLENARY TALK: <b>Rong Li</b> <span style="float: right;">Chair: Sara Baratchi</span>
9:55am - 10:30am	KEYNOTE TALK: <b>Satyajit Mayor</b>
10:30am - 10:55am	INVITED TALK: <b>Samantha Stehbens</b>
10:55am - 11:25am	Morning break with refreshments
	NON-MAMMALIAN MECHANOBIOLOGY session <span style="float: right;">MECHANOSENSITIVE CHANNELS session</span> Chair: TBC <span style="float: right;">Chair: TBC</span>
11:25am - 11:50am	INVITED TALK: <b>Joshua Coomey</b> <span style="float: right;">INVITED TALK: <b>Eric Honoré</b></span>
11:50am - 12:15pm	INVITED TALK: <b>Jean-Marie Frachisse</b> <span style="float: right;">INVITED TALK: <b>Shang Ma</b></span>
12:15pm - 12:30pm	SELECTED TALK: <b>Linda Kenney</b> <span style="float: right;">12:15 - 12:40pm INVITED TALK: <b>Masahiro Sokabe</b></span>
12:30pm - 12:45pm	SELECTED TALK: <b>Kenjiro Yoshimura</b> <span style="float: right;">12:40 - 12:55pm: <b>Jonathan A. Garcia Contreras</b></span>
12:45pm - 1:45pm	Lunch break
	MECHANO-IMAGING I session <span style="float: right;">MECHANO-IMAGING II session</span> Chair: TBC <span style="float: right;">Chair: TBC</span>
1:45pm - 2:10pm	INVITED TALK: <b>Medha Pathak</b> <span style="float: right;">INVITED TALK: <b>Anne Lagendijk</b></span>
2:10pm - 2:35pm	INVITED TALK: <b>Delphine Delacour</b> <span style="float: right;">2:10 - 2:25pm SELECTED TALK: <b>Keng-hui Lin</b></span>
2:35pm - 2:50pm	SELECTED TALK: <b>Sarah Boyle</b> <span style="float: right;">2:25 - 2:40pm SELECTED TALK: <b>Barry Thompson</b></span>
2:50pm - 3:05pm	SELECTED TALK: <b>Andrew Holle</b> <span style="float: right;">2:40 - 2:55p SELECTED TALK: <b>Vidhyalakshmi Acharya</b></span> <span style="float: right;">2:55 - 3:10pm SELECTED TALK: <b>Qiutan Yang</b></span>

3:10pm - 3:40pm	Afternoon break with refreshments	
3:40pm - 4:15pm	KEYNOTE TALK: <b>Jochen Guck</b>	Chair:
4:15pm - 5:00pm	FLASH TALKS (15 x 3 min)	Chair: Jessica Richardson
5:00pm - 8:00pm	<b>POSTER Session</b> with drinks/refreshments	

## Day 3: Tuesday 8 November, 2022

9:00am - 9:05am	ACKNOWLEDGEMENT OF COUNTRY	
	THEORY session	Chair: Maté Biro
9:05am - 9:55am	 <b>EMBO PLENARY LECTURE: Stephan Grill</b>	
9:55am - 10:20am	INVITED TALK: <b>Richard Morris</b>	
10:20am - 10:45am	INVITED TALK: <b>Madan Rao</b>	
10:45am - 11:15am	Morning break with refreshments	
	SENSORY TRANSDUCTION session Chair: Charles Cox	TISSUE MECHANICS session Chair: TBC
11:15am - 11:45am	INVITED TALK: <b>Valeria Vásquez</b>	11:15 - 11:40am INVITED TALK: <b>Misato Iwashita</b>
11:45am - 12:00pm	INVITED TALK: <b>Gary Lewin</b>	11:40 - 12:05am INVITED TALK: <b>Kathryn Stok</b>
12:00pm - 12:15pm		12:05 - 12:20pm SELECTED TALK: <b>Amy Gelmi</b>
12:15pm - 12:30pm	SELECTED TALK: <b>Martin Fronius</b>	12:20 - 12:35pm SELECTED TALK: <b>X. Frank Zhang</b>
12:30pm - 12:50pm	SPONSOR TALKS 2 x 10min	SPONSOR TALKS 2 x 10min
12:50pm - 1:50pm	Lunch break / <b>AuSMB Annual General Meeting</b>	
	CELLULAR MECHANOSENSING session Chair: TBC	EXTRACELLULAR MECHANICAL SIGNALS session Chair: TBC
1:50pm - 2:05pm	SELECTED TALK: <b>Benjamin Dalton</b>	SELECTED TALK: <b>Jennifer Young</b>
2:05pm - 2:20pm	SELECTED TALK: <b>Massimo Vassalli</b>	SELECTED TALK: <b>Marco Enriquez</b>
2:20pm - 2:35pm	SELECTED TALK: <b>Michelle Peckham</b>	SELECTED TALK: <b>Iris Doolaar</b>

2:35pm - 2:50pm	SELECTED TALK: <b>Arnd Pralle</b>	SELECTED TALK: <b>Remi Peyronnet</b>
2:50pm - 3:05pm	SELECTED TALK: <b>Yuanyuan Zhang</b>	SELECTED TALK: <b>Woei Ming Lee</b>
3:05pm - 3:20pm	SELECTED TALK: <b>Julio F. Cordero-Morales</b>	SELECTED TALK: <b>Dietmar Oelz</b>
3:20pm - 3:50pm	Afternoon break with refreshments	
3:50pm - 4:25pm	KEYNOTE TALK: <b>Peter Kohl</b>	Chair: TBC
4:25pm - 5:00pm	KEYNOTE TALK: <b>Peter Yingxiao Wang</b>	Chair: TBC
5:00pm - 5:25pm	INVITED TALK: <b>Uhtaek Oh</b>	Chair: TBC
6:30pm - 11:30pm	<b>CONFERENCE DINNER</b> at the Harbourside Room, Museum of Contemporary Art, The Rocks, Sydney	

## Day 4: Wednesday 9 November, 2022

9:00am - 9:05am	ACKNOWLEDGEMENT OF COUNTRY	
9:05am - 9:55am	PLENARY TALK DAY 4: <b>Michael Sheetz</b>	Chair: Kate Poole
9:55am - 10:30am	KEYNOTE TALK: <b>Jeffrey Holt</b>	
10:30am - 10:55am	INVITED TALK: <b>Eduardo Perozo</b>	
10:55am - 11:20am	Morning break with refreshments	
	TISSUE ENGINEERING session	Chair: TBC
11:20am - 11:55am	KEYNOTE TALK: <b>Beth Pruitt</b>	
11:55am - 12:20pm	INVITED TALK: <b>Song Li</b>	
12:20pm - 12:45pm	INVITED TALK: <b>Chun-Xia Zhao</b>	
12:45pm - 1:00pm	CLOSING REMARKS and AWARDS PRESENTATIONS	