



Australia-China Centre
for Tissue Engineering and
Regenerative Medicine

2021 International Forum for Tissue Engineering and Regenerative Medicine

Friday, November 26th, 2021

VENUE:

QUT E Block Level 5 Function Space,
Kelvin Grove Campus, Australia

ORGANISERS:

Queensland University of Technology (QUT)
Guangzhou Medical University

CHAIRMEN:

Professor Yin Xiao
Professor Zhiyong Zhang



Program

Friday, November 26th, 2021 *All times are Australian Eastern Standard Time (AEST, UTC +10)

9:00 am – 10:00 am	Registration Morning Tea on Arrival 9:50am – 10:00am Housekeeping
10:00 am – 10:40 am	Official Opening <ul style="list-style-type: none">❖ Professor Yin Xiao, Director, ACCTERM, Queensland University of Technology❖ Professor Zhiyong Zhang, Founding Director, Translational Research Centre of Regenerative Medicine and 3D Printing Technologies, The Third Affiliated Hospital of Guangzhou Medical University❖ Professor Margaret Sheil AO, Vice-Chancellor and President, Queensland University of Technology❖ Professor Changsheng Liu, President, Shanghai University❖ Professor Scott Sheppard, Deputy Vice-Chancellor & Vice President (International), Queensland University of Technology❖ Professor Xiaoping Tang, Secretary General, Guangzhou Medical University❖ Professor Hongwei Ouyang, Dean of International Campus, Zhejiang University
10:40 am – 12:00 pm	Showcases of Industrial Collaboration and Commercialisation in Australia Asia Chair – Prof. Yin Xiao, Prof. Zhiyong Zhang <ul style="list-style-type: none">❖ Professor Minghao Zheng, Medical School, University of Western Australia; Founder of Orthocell, Chief Medical and Scientific Officer, Orthocell (ASX:OCC) Collaboration Showcase: Orthocell and UWA collaboration led to market authorisation of a collagen device in Europe, USA and Australia.❖ Professor Jiang Chang, Shanghai Institute of Ceramics, Chinese Academy of Sciences Regulation of cell fate by bioceramics for tissue engineering❖ Professor Krasimir Vasilev, UniSA STEM, University of South Australia Nanoengineered surfaces for medical devices❖ Professor Shengmin Zhang, Advanced Biomaterials and Tissue Engineering Center, Huazhong University of Science and Technology Translational Ways to Medical Devices for Biomaterials and Tissue Engineering❖ Professor Travis Klein, Director, Centre for Biomedical Technologies, Queensland University of Technology Starting up the Centre for Biomedical Technologies and Gelomics
12:00 pm – 12:20 pm	Panel Discussion Moderator: Professor Travis Klein , Director, Centre for Biomedical Technologies, Queensland University of Technology
12:20 pm – 1:00 pm	Lunch Break
1:00 pm – 2:20 pm	Clinical Translation of Stem Cell Application Chair – Prof Yin Xiao, Director, ACCTERM, Queensland University of Technology <ul style="list-style-type: none">❖ Professor Yin Xiao, Director, ACCTERM, Queensland University of Technology Stem cell-based therapy: Current challenges for future application❖ Professor Zhiyong Zhang, Founding Director, Translational Research Centre of Regenerative Medicine and 3D Printing Technologies, The Third Affiliated Hospital of Guangzhou Medical University Translational research of regenerative medicine—our strategic planning and practice❖ A/Prof Michael Doran, School of Biomedical Sciences, Queensland University of Technology Some of the steps and missteps we've taken studying BMSC chondrogenesis❖ Dr. Xiaohu Ge, CEO, Tingo Regenerative Medicine Exosomes and organoid in regenerative medicine❖ Dr. Silvio Tiziani, CEO, CCRM Australia Guidelines for Stem Cell Research and Translation
2:20 pm – 2:40 pm	Panel Discussion Moderator: Dr. Indira Prasadam , ACCTERM, Queensland University of Technology
2:40 pm – 3:00 pm	Afternoon Tea



3:00 pm – 4:20 pm

Collaborative Research for Clinical Translation –Application in Dental and Orthopaedic Tissue Regeneration

Chair – **Dr. Yinghong Zhou**, Deputy Director, ACCTERM, Queensland University of Technology

- ❖ **Professor Saso Ivanovski**, Head of School, School of Dentistry, University of Queensland
Additively manufactured scaffolds for large volume alveolar bone regeneration
- ❖ **Professor Chengtie Wu**, Deputy Director, Shanghai Institute of Ceramics, Chinese Academy of Sciences
Clinical transition models of biomaterials research
- ❖ **Professor Ross Crawford**, Chair in Orthopaedic Research, School of Mechanical, Medical and Process Engineering, Queensland University of Technology
Orthopedic innovation
- ❖ **Professor Xinquan Jiang**, Ninth People's Hospital Affiliated to Shanghai JiaoTong University, School of Medicine, Shanghai JiaoTong University
New strategies for oral and maxillofacial tissue regeneration and functional reconstruction

4:20 pm – 4:40 pm

Panel Discussion

Moderator: **A/Prof. Yi-Chin Toh**, ACCTERM, Queensland University of Technology

4:40 pm – 5:00 pm

Vote of Thanks and Conclusion of Forum

5:00 pm – 6:00 pm

Pre-Drinks with Canapes

6:00 pm – 9:00 pm

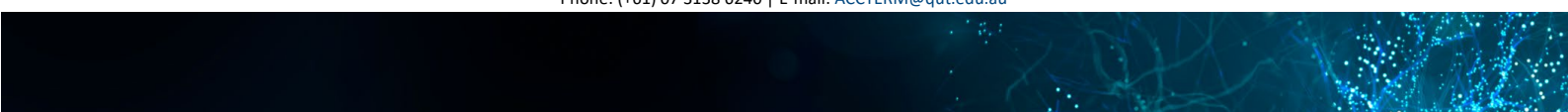
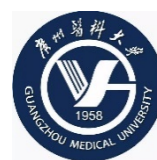
3-Course Gala Dinner

9:00 pm

Conclusion

ACCTERM Forum Advisory Committee

- ❖ **Prof. Liming Bian**, School of Biomedical Sciences and Engineering, South China University of Technology
- ❖ **Prof. Zetao Chen**, Hospital of Stomatology, Guanghua School of Stomatology, Sun Yat-sen University
- ❖ **Prof. Zhi Chen**, Associate Dean, School of Stomatology, Wuhan University
- ❖ **Prof. Dafu Chen**, Beijing Jishuitan Hospital
- ❖ **Prof. Lianfu Deng**, Shanghai Jiaotong University School of Medicine
- ❖ **Prof. Zigang Ge**, Peking University
- ❖ **Prof. YuanTong Gu**, Head of School, School of Mechanical, Medical and Process Engineering, Queensland University of Technology
- ❖ **Prof. Baosheng Guo**, Medical School of Nanjing University
- ❖ **Prof. Quanyi Guo**, General Hospital of the Chinese PLA
- ❖ **Prof. Lvhua Guo**, Guangzhou Medical University
- ❖ **Prof. Zhiyong Hou**, The Third Hospital of Hebei Medical University
- ❖ **Prof. Deling Kong**, Head of Science and Technology Department, College of Life Sciences, Nankai University
- ❖ **Prof. Bin Li**, Orthopaedic Institute, Soochow University
- ❖ **A/Prof. Yulin Li**, East China University of Science and Technology
- ❖ **Prof. Zhiyong Li**, School of Mechanical, Medical & Process Engineering, Queensland University of Technology
- ❖ **Prof. Xing Long**, Wuhan University
- ❖ **Prof. Zhuojing Luo**, Fourth Military Medical University
- ❖ **Prof. Haobo Pan**, Director, Research Center, Human Tissues and Organs Degeneration, Shenzhen Institute of Advanced Technology, Chinese Academy of Science
- ❖ **Mr. Rob Scott**, Managing Director, Australia Asia Technology Incubator
- ❖ **Prof. Yan Wang**, Sun Yat-sen University
- ❖ **Prof. Zhihong Wu**, Peking Union Medical College Hospital
- ❖ **Prof. Guozhi Xiao**, Chair, Biological Department, School of Medicine, Southern University of Science and Technology
- ❖ **Prof. Hui Xie**, Director, Movement System Injury and Repair Research Center, Xiangya Hospital, Central South University
- ❖ **Prof. Cheng Yan**, School of Mechanical, Medical & Process Engineering, Queensland University of Technology
- ❖ **Prof. Lei Yang**, Orthopaedic Institute, Soochow University
- ❖ **Prof. Qingqiang Yao**, Nanjing Medical University
- ❖ **Prof. Prasad Yarlagadda**, School of Mechanical, Medical & Process Engineering, Queensland University of Technology
- ❖ **Prof. Zhentao Yu**, Jinan University
- ❖ **Prof. Xuenong Zou**, Department of Spinal Surgery, the First Affiliated Hospital, Sun Yat-sen University





Gala Dinner Menu

Drink and Beverage

Sparkling

Azahara Brut NV

White Wine

Republic Sauvignon Blanc

Red Wine

First Creek Harvest Shiraz

Beer

Cascade Premium Light

James Squire 150 Lashes Pale Ale

Non- Alcoholic

Orange juice

Coke, Diet Coke, Lemonade

Sparkling Mineral Water

Food

Pre-Drink

Cold Canapes

Goats cheese mousse, truffle beetroot, grain textures (V)

Hot Canapes

Crisp prawn, lemon myrtle crust, caper tartare

Three Course Plated Menu

Entree

Served with freshly baked bread rolls

Master stock pork belly, Asian 5 spice slaw, apple reduction (GF DF)

or

Truffle beef croquette, native pepper salsa, tomato sugo

Main

Roasted hen breast, truffle potato puree, wild mushroom, jus (GF)

or

Lamb rump, sweet potato rosti, broccoli, carrot cardamom, lamb jus (GF)

Dessert

Chocolate tart, cherry notes, chocolate crumble (GF)

or

Layered strawberry delice, guava gel, lemon balm

Freshly brewed coffee and tea selection