### Australia – China Centre for Tissue Engineering & Regenerative Medicine (ACCTERM) Research Forum

Saturday 12 November—Monday 14 November 2016
Guanghua School of Stomatology, Sun Yat-sen University
Guangzhou, China

**Day 1: Saturday 12 November 2016**

**Pre-forum Workshop** (simultaneous interpretation to be provided)

**Lecture Hall, Bai Yun Hotel**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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</thead>
</table>
| 8.00am—8.30am | Registration                                                       | Prof Yin Xiao  
*ACCTERM Director, Queensland University of Technology (QUT)* |
| 8.30am—9.00am | Opening Ceremony/Welcome Address                                      | Prof Bin Cheng  
*Dean, Guanghua School of Stomatology, Sun Yat-sen University (SYSU)*  
Prof Xuehua Wang  
*Deputy Vice-Chancellor, SYSU*  
Mr Lu Zeng  
*Director, Exchange and Cooperation Department, Guangdong Provincial Department of Science and Technology* |
| 9.00am—9.40am | Clinical Trial Assessing Safety and Efficacy of Umbilical Cord Blood Mononuclear Cell Transplant Therapy of Chronic Complete Spinal Cord Injury | Prof Kwok-Fai So  
*Academician of the Chinese Academy of Sciences; Jinan University, Guangzhou; The University of Hong Kong* |
| 9.40am—10.20am | Dental Stem Cells in Tissue Regeneration and Immune Therapies         | Prof Songtao Shi  
*Department of Anatomy & Cell Biology, University of Pennsylvania* |
| 10.20am—10.30am | Morning Tea                                                          |                                                                    |
| 10.30am—11.10am | Clinical Translation of Mesenchymal Stem Cells: Progress and Challenges | Prof Peng Xiang  
*Zhongshan School of Medicine, SYSU* |
| 11.10am—11.50am | Immunoregulation in Regenerative Medicine                             | Prof Yin Xiao  
*Chair of Bone Tissue Engineering, QUT* |
| 11.50am—12.30pm | Physical Mechanisms Underlying the Different Mechanical Behaviour of Shoulder and Knee Cartilage | Prof Yuantong Gu  
*Professor in Biomechanics, Science and Engineering Faculty, QUT* |
<p>| 12.30pm—1.30pm | Lunch                                                                |                                                                    |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
</table>
| 1.30pm—2.10pm | Periodontal Tissue Engineering with Multiphasic Scaffolds | **Prof Saso Ivanovski**  
*Chair of Periodontology and Implantology, Griffith University* |
| 2.10pm—2.50pm | Chondrocyte-derived Bone Cells Determine the Skeletal Shape and Size | **Prof Jerry Feng**  
*Chair of Oral Biology, Department of Biomedical Sciences, Texas A&M University Baylor College of Dentistry* |
| 2.50pm—3.30pm | The Role of Biomaterials in Tissue Engineering             | **Prof Jiang Chang**  
*Chair of Bioactive Materials and Tissue Engineering, Shanghai Institute of Ceramics, Chinese Academy of Sciences (SIC, CAS)* |
| 3.30pm—4.00pm | Afternoon Tea                                              |                                                                        |
| 4.00pm—4.40pm | Tumour Therapy and Tissue Regeneration by 3D-Printing of Multifunctional Bioscaffolds | **Prof Chengtie Wu**  
*Deputy Director, Biomaterials and Tissue Engineering Research Centre, SIC, CAS* |
| 4.40pm—5.20pm | Tendon Differentiation and Regeneration                     | **Prof Hongwei Ouyang**  
*Chair of Stem Cells & Tissue Engineering, School of Medicine, Zhejiang University* |
<p>| 6.00pm—8.00pm | Dinner                                                     |                                                                        |</p>
<table>
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</tr>
</thead>
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| 8.00am—8.30am | Oral and Maxillofacial Regenerative Medicine: Current State of Research and Future Outlook | Prof Songling Wang  
Capital Medical University |
| 8.30am—9.00am | Application of Regenerative Medicine for Oral and Maxillofacial Defects: The Latest Researches and Perspectives | Prof Xinquan Jiang  
Shanghai Jiao Tong University |
| 9.00am—9.30am | Nanocrystallization of Materials for the Maxillofacial Defect Repair and Possible Repair Mechanisms | Prof Xuliang Deng  
Peking University |
| 9.30am—09.40 am | Morning Tea                                                          |                                                                                              |
| 9.40am—10.00am | Funding Opportunities in Australia                                    | Mr Michael McArdle  
Director, Office of Research  
Division of Research and Commercialisation, Office of Research, QUT |
| 10.00am—10.10am | Cooperation between Guanghua School of Stomatology and Queensland University of Technology | Prof Zhengmei Lin  
Vice dean, Guanghua School of Stomatology, Sun Yat-sen University (SYSU) |
| 10:10am—10.30am | Postgraduate Student Exchange Pathway                                | Prof John Bell  
Head of School  
Science and Engineering  
Faculty  
Chemistry, Physics,  
Mechanical Engineering, QUT |
| 10.30am—10.50am | Overview of the Internationalization of Graduate Education in SYSU     | A/Prof Jiuqun Gao  
Vice dean, Graduate School, SYSU |
| 10.50am—11.10am | Early Career Researcher and Staff Exchange                            | Prof Lyn Griffiths  
Executive Director, Institute of Health and Biomedical Innovation (IHBI), QUT |
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>11.10am—1.00pm</td>
<td><strong>Group Discussion</strong></td>
<td><strong>A. Biomaterial and Systems Biology</strong></td>
</tr>
</tbody>
</table>
|               |                                                         | **Prof Jiang Chang**  
**Chair of Bioactive Materials and Tissue Engineering, SIC, CAS**            |
|               |                                                         | **Dr Tony Parker**  
**Research Program Leader - Tissue Repair and Regeneration, IHBI**              |
|               |                                                         | **Prof Xuelong Zou**  
**Chair of Orthopaedic Research, SYSU**                                            |
|               |                                                         | **B. Additive Biomanufacturing**                                                    |
|               |                                                         | **A/Prof Travis Klein**  
**Leader—Cartilage Regeneration Laboratory, IHBI, QUT**                           |
|               |                                                         | **Prof Chengtie Wu**  
**Biomaterials and Tissue Engineering Research Centre, SIC, CAS**               |
|               |                                                         | **Prof Shengmin Zhang**  
**Huazhong University of Science and Technology (HUST)**                          |
| 1.00pm—2.00pm | Lunch                                                   | **C. Dental Tissue Regeneration**                                                   |
|               |                                                         | **Prof Saso Ivanovski**  
**Chair of Periodontology and Implantology, Griffith University**                 |
|               |                                                         | **Prof Xing Long**  
**School of Stomatology, Wuhan University (WHU)**                                 |
|               |                                                         | **Prof Yufeng Zhang**  
**School of Stomatology, WHU**                                                      |
| 2.00pm—2.10pm | Inhibition of lncRNA MIR31HG Promotes Osteogenic Differentiation of Human Adipose-derived Stem Cells | **Chanyuan Jin**  
**Peking University**                                                            |
| 2.10pm—2.20pm | Effects of Chitosan-decorated Calcium Hydroxide Microcapsules with pH-triggered Release for Endodontic Applications | **Xiaoman Li**  
**Peking University**                                                            |
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</tr>
</thead>
</table>
| 2.20pm—2.30pm | Quaternized Mono-dispersed Bioactive Nanospheres: a Promising Substrate of Long-term Antibacterial Endodontic Sealers | Xiaogang Cheng  
The Fourth Military Medical University |
| 2.30pm—2.40pm | Allogeneic Mesenchymal Stem Cell Infusion in Osteoporosis: Therapeutic Effects, Underlying Mechanisms and Micro-environmental Regulations | Bingdong Sui  
The Fourth Military Medical University |
| 2.40pm—2.50pm | Expanding PDLSCs with Platelet Lysate for Cytotherapeutic Use                             | Ruixin Wu  
The Fourth Military Medical University |
| 2.50pm—3.00pm | Histochemical Examination of Adipose-derived Stem Cells Combined with β-TCP for Bone Defects Restoration under Systemic Administration of 1α,25(OH)2D3 | Wei Feng  
Shandong University |
| 3.00pm—3.10pm | Healthy and Inflamed Gingival Fibroblasts Differ in Their Inflammatory Response to Porphyromonas gingivalis Lipopolysaccharide | Wenyan Kang  
Shandong University |
| 3.10pm—3.20pm | A Modified Preauricular Approach for Treating Intracapsular Condylar Fractures to Prevent the Facial Nerve Injury: the Supratemporalis Approach | Hui Li  
Sichuan University |
| 3.20pm—4.00pm | Afternoon Tea/Poster session                                                            |                                                                                    |
| 4.00pm—4.10pm | Autophagy Regulates Odontoblast Differentiation by Suppressing NF-kb Activation in an Inflammatory Environment | Fei Pei  
Wuhan University |
| 4.10pm—4.20pm | CTLA4 Blockade Inhibits Tumor Growth by Reducing Immature Myeloid Cells in HPV Negative Head and Neck Squamous Cell Carcinoma | GuangTao Yu  
Wuhan University |
| 4.20pm—4.30pm | Knowledge, Attitude and Behavior of Dentists toward People Living with HIV/AIDS in Changsha, China | Ling Wang  
Central South University |
| 4.40pm—4.50pm | LncRNA DANCR Suppresses Odontoblast-like Differentiation of Human Dental Pulp Cells by Inhibiting Wnt/β-catenin Pathway | Lingling Chen  
Sun Yat-sen University |
| 4.50pm—5.00pm | The Spatial and Temporal Expression Differences between ROS and Trx-1 Induced by Hypoxia Regulate the Invasion and Apoptosis of OSCC Cells | Xijuan Chen  
Sun Yat-sen University |
| 4.50pm—5.00pm | Epithelial Cell Detachment by Porphyromonas gingivalis Biofilm and Planktonic Cultures | Lijia Huang  
Sun Yat-sen University |
| 5.00pm—5.10pm | Activation of Notch1 Inhibits Medial Edge Epithelium Apoptosis in All-trans Retinoic Acid-induced Cleft Palate in Mice | Yadong Zhang  
Sun Yat-sen University |
| 7.00pm—10.00pm | Forum Dinner                                                                         |                                                                                    |
Day 3: Monday 14 November 2016

Guangzhou SALIAI Stemcell Science and Technology Co., Ltd

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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</tr>
</thead>
<tbody>
<tr>
<td>8.00am—10.00am</td>
<td><strong>Bus Tour</strong>&lt;br&gt;Visit Guanghua School of Stomatology, Sun Yat-sen University and SALIAI Stemcell Science and Technology Co., Ltd</td>
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<tr>
<td>10.00am—10.30am</td>
<td>Morning Tea</td>
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<td>10.30am—10.45am</td>
<td>SALIAI Stem Cell Technology</td>
<td>Mr Haijia Chen&lt;br&gt;<em>President, SALIAI Family Life and Health Management</em></td>
</tr>
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<td>10.45am—11.15am</td>
<td>Translation of Life Sciences Technology in Australia</td>
<td>Prof Lyn Griffiths&lt;br&gt;<em>Executive Director, Institute of Health and Biomedical Innovation (IHBI), QUT</em></td>
</tr>
<tr>
<td>11.15am—11.45am</td>
<td>Commercialisation Issues for Tissue Engineering and Regenerative Medicine Products</td>
<td>Prof Shengmin Zhang&lt;br&gt;<em>Director of Centre for Advanced Biomaterials and Tissue Engineering, Huazhong University of Science and Technology (HUST)</em></td>
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<tr>
<td>11.45am—12.15pm</td>
<td>Discovering New Pathogenesis of Alzheimer’s Disease By Using iPSCs from Patients with PSEN1 Mutation</td>
<td>Prof Weldon Lee&lt;br&gt;<em>National 1000 Talent</em></td>
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<td>12.15pm—12.30pm</td>
<td>Saliva Technology</td>
<td>A/Prof Chamindie Punyadeera&lt;br&gt;<em>IHBI, QUT</em></td>
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<td>12.30pm—1.30pm</td>
<td>Lunch</td>
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<td>1.30pm—2.30pm</td>
<td>Presentations by Biotech Company Representatives</td>
<td>Guangzhou International Bio-island&lt;br&gt;Guangzhou SALIAI Stemcell Science and Technology Co., Ltd&lt;br&gt;Grandhope Biotech Co., Ltd&lt;br&gt;Guangzhou Kinged Medical Diagnostics Center&lt;br&gt;NATI</td>
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<tr>
<td>2.30pm—3.00pm</td>
<td>Q&amp;A on Commercial Funding and Technology Transfer in Chinese Market</td>
<td>Zhongda Venture Capital Co., Ltd</td>
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<tr>
<td>3.00pm—4.30pm</td>
<td>Group Discussion—Future Translational Research within ACCTERM (Afternoon Tea Provided)</td>
<td>Prof Yin Xiao&lt;br&gt;Prof Jiang Chang&lt;br&gt;A/Prof Travis Klein&lt;br&gt;Prof Shengmin Zhang&lt;br&gt;Prof Hongwei Ouyang&lt;br&gt;Prof Zhiyong Zhang&lt;br&gt;Guangzhou International Bio-Island&lt;br&gt;Guangzhou SALIAI Stemcell Science and Technology Co., Ltd&lt;br&gt;Grandhope Biotech Co., Ltd&lt;br&gt;Guangzhou Kinged Medical Diagnostics Center&lt;br&gt;NATI</td>
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<td>4.30pm—5.30pm</td>
<td>Visit Guangzhou International Bio-island and Local Biotech Companies</td>
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<td>6.30pm—9.30pm</td>
<td>Dinner/Pearl River Cruise</td>
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