

Minipigs in Biomedical Research 2010 Taiwan

Symposia Program

Day 1 Aug 21th, Saturday	
09:00~09:50	Registration <i>National Cheng Kung University Library</i> <i>BIF Conference Center</i>
09:50~10:30	Opening Remarks <i>National Cheng Kung University Library</i> <i>BIF Conference Center</i>
10:30~12:15	Plenary Session I: <i>Heart Disease</i> <i>National Cheng Kung University Library</i> <i>BIF Conference Center</i>
12:15~13:35	Lunch <i>College of Medicine, National Cheng Kung University</i> <i>4F Convenient Restaurant</i>
13:35~15:05	Plenary Session II: <i>Tissue Engineering</i> <i>National Cheng Kung University Library</i> <i>BIF Conference Center</i>
15:05~15:20	Coffee Break <i>National Cheng Kung University Library</i> <i>BIF Art Gallery</i>
15:20~17:10	Plenary Session III: <i>Medical Device</i> <i>National Cheng Kung University Library</i> <i>BIF Conference Center</i>
Day 2 Aug 22th, Sunday	
09:00~09:10	Registration <i>National Cheng Kung University Library</i> <i>BIF Conference Center</i>
9:10~11:35	Plenary Session IV: <i>New Therapy Development</i> <i>National Cheng Kung University Library</i> <i>BIF Conference Center</i>
11:35~13:05	Lunch <i>College of Medicine, National Cheng Kung University</i> <i>4F Convenient Restaurant</i>
13:05~15:00	Plenary Session V: <i>Organ Transplantation</i> <i>National Cheng Kung University Library</i> <i>BIF Conference Center</i>
15:00~15:30	Closing Remarks <i>National Cheng Kung University Library</i> <i>BIF Conference Center</i>

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Schedule at a Glance

Day 1 Aug 21th, Saturday

09:00~09:50	Registration
09:50~10:00	Opening Remarks <i>Master of ceremony: Dr. Ing-Haur Hwang, 黃英豪 所長</i> Director General, Livestock Research Institute, Council of Agriculture, Taiwan <i>Master of ceremony: Dr. Chyi-Her Lin, 林其和 院長</i> Dean, Medical College of National Cheng Kung University, Taiwan
10:00~10:30	The Past and Future of Lanyu Mini-Pig <i>Yung-Yi Sung, PhD. 宋永義 教授</i> Emeritus Professor, Department of Animal Science and Technology, National Taiwan University, Taiwan
10:30-10:35	Plenary Session I: Heart disease <i>Chairs: Dr. Patrick C.H. Hsieh 謝清河 醫師</i>
10:35~11:15	Swine Model in Cardiovascular Research <i>Ren-Ke Li MD, PhD.</i> Research Chair, Cardiac Regeneration Professor of Cardiovascular Surgery, University of Toronto, Canada
11:15~11:45	Immediate Intramyocardial Bone Marrow-Derived Mononuclear Cells Implantation in Mini-Pig Myocardium After Permanent Coronary Artery Ligation: MRI, IHC and Molecular Studies <i>Hon-Kan Yip, MD. 葉漢根 教授</i> Professor, Division of Cardiology, Department of Internal Medicine, Chang Gung Memorial Hospital–Kaohsiung Medical Center, Taiwan
11:45~12:15	A Tissue Engineering Approach for Cardiac Repair in Pigs <i>Yi-Dong, Lin, PhD Candidate. 林意棟 先生</i> Biomedical Engineering, National Cheng Kung University, Taiwan
12:15~13:35	Lunch
13:35~13:40	Plenary Session II: Tissue engineering <i>Chairs: Prof. Lynn Ling-Huei Huang 黃玲惠 教授</i>
13:40~14:10	Enhance Oral Tissues Regeneration Using Porcine Embryonic Stem Cells <i>Kuo Yuan, DDS., MS., PhD. 袁國 醫師</i> Associate Professor, Institute of Oral Medicine, National Cheng Kung University, Taiwan
14:10~14:35	Lanyu Swine Model for Medical Applications: Dental Bone Regeneration and Soft Tissue Augmentation. <i>Hong-Da Wu, M.S., PhD candidate. 吳宏達 先生</i>

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	Department of Oral Medicine, Taipei Medical University, Taiwan.
14:35~15:05	<p>Lanyu Small-Ear Pig Used for Study of Bio-Tooth Regeneration and Articular Cartilage Repair</p> <p><i>Tzong-Fu Kuo, MD., PhD. 郭宗甫 教授</i></p> <p>Professor, Department of Veterinary Medicine, National Taiwan University, Taiwan.</p>
15:05~15:20	<i>Coffee Break</i>
15:20~15:25	<p>Plenary Session III: Medical device</p> <p style="text-align: right;"><i>Chairs: Prof. Cheng-Chung Wu 吳誠中 教授</i></p>
15:25~16:15	<p>Porcine Experiments Related to Robotics in Gastroenterology.</p> <p><i>Soo Jay Louis Phee, PhD.</i></p> <p>Associate Professor, Nanyang Technological University, Singapore</p>
16:15~16:30	<p>Distal Pancreatectomy Using Needle Arrays Under Alternating Electromagnetic Fields.</p> <p><i>Ying-Jui Chao, MD. 趙盈瑞 醫師</i></p> <p>Doctor, Department of Surgery, Dou-Liou Branch, National Cheng Kung University Hospital, Taiwan.</p>
16:30~16:50	<p>Bloodless Liver Resection Using Needle Arrays Under Alternating Electromagnetic Fields.</p> <p><i>Yan-Shen Shan, MD., PhD. 沈延盛 醫師</i></p> <p>Associate Professor, Department of Surgery, National Cheng Kung University, Taiwan.</p>
16:50~17:10	<p>Coarctation-Induced Abdominal Aortic Aneurysm in a Porcine Model</p> <p><i>Yeng-Ting Wu, PhD. Ccandidate. 吳彥廷 先生</i></p> <p>Department of Anatomy College, National Cheng Kung University, Taiwan</p>

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Day 2 Aug 22th, Sunday	
09:00~09:10	Registration
09:10~09:15	Plenary Session IV : New therapy development <i>Chairs: Prof. Xi-Zhang Lin 林錫璋 教授</i>
09:15~10:00	A Training System for Gastric ESD in NCGM. <i>Toshiyuki Sakurai, MD.</i> Doctor, Department of Gastroenterology and Hepatology, National Center for Global Health and Medicine, Japan
10:00~ 10:25	Partial Splenectomy Using an Electromagnetic Thermal Surgery System in Lanyu Pigs. <i>Chong-Jeh Lo, MD., MS. 羅崇杰 醫師</i> Associate Professor, Department of Surgery, National Cheng Kung University, Taiwan.
10:25~11:10	The Pig as a Human Model for Functional Imaging. <i>Charles Henri Malbert, PhD.</i> Director, Head of the Research Unit – Splanichs signals controlling food intake in human. Saint-Gilles, France
11:10~11:35	Differential Expression of Nucleus Accumbens Proteome in a Porcine Model of Morphine Tolerance. <i>Li-Kai Wang, MD. 王立楷 醫師</i> Doctor, Department of Anesthesiology, Chi Mei Medical Center, Tainan, Taiwan.
11:35~13:05	Lunch & Poster section
13:05~13:10	Plenary Session V: Organ transplantation <i>Chairs: Prof. Xi-Zhang Lin and Professor Yur-Ren Kuo 林錫璋 教授&郭耀仁 教授</i>
13:10~13:40	Advanced Organ Transplant Model in Miniature Swine : Composite Tissue Allotransplantation <i>Yur-Ren Kuo, MD. 郭耀仁 教授</i> Professor, Kaohsiung Chang Gung Memorial Hospital, Taiwan
13:40~14:20	Pigs for Bio-Organ Research <i>Hoon Taek Lee, PhD.</i> Professor, Bio-Organ Research Center, Konkuk University, Korea.
14:20~15:00	Rhodopsin P347L Transgenic Pig for Retinitis Pigmentosa (RP) Research <i>Fulton Wong, PhD.</i> Professor, Department of Ophthalmology, Duke University School of Medicine Durham, North Carolina, USA
15:00~15:30	Closing Remarks