

**Date:** December 7-8<sup>th</sup>, 2019

**Location:** 3F meeting room ZENDA SUITES, Tainan, Taiwan

**Organizer/Host:** Jiu-Yao Wang (Center for Allergy and Clinical Immunology Research, NCKU)

Ai-Li Shiau (Institute of Microbiology and Immunology, NCKU)

Chao-Liang Wu (Institute of Biochemistry and Molecular Biology, NCKU)

### December 7<sup>th</sup>, 2019

Time	Topic/Speaker	
08:00-08:20	<b>Registration</b>	
08:20-08:40	<b>Opening Remark</b> Huey-Jen Su, President of National Cheng Kung University Yan-Shen Shan, Dean of Medical College, National Cheng Kung University Meng-Ru Shen, Superintendent of National Cheng Kung University Hospital	
08:40-08:50	<b>Group photo</b>	
<b>Mucosal immunity and disease</b> <b>Moderator: Yan-Shen Shan</b>		
08:50-09:30	Keynote Talk 1	<b>Galectins and Mucosal Immunity</b>  <u>Fu-Tong Liu</u> Academia Sinica, Taiwan
09:30-10:10	Keynote Talk 2	<b>The dual role of TNF in immune-mediated inflammation</b>  <u>Richard Williams</u> Kennedy Institute of Rheumatology, University of Oxford, UK
10:10-10:30	<b>Coffee Break</b>	
<b>Mucosal inflammation in gastrointestinal diseases</b> <b>Moderator: Kuender D. Yang</b>		
10:30-11:10	Talk 1	<b>Gut Microbiota Signatures in Infancy Herald the Onset of Allergic Diseases</b>  <u>Yen-Hsuan Ni</u> College of Medicine, National Taiwan University, Taiwan
11:10-11:40	Talk 2	<b>Prothymosin <math>\alpha</math> in inflammatory bowel disease</b>  <u>Ai-Li Shiau</u> Institute of Microbiology and Immunology, National Cheng Kung University, Taiwan
11:40-12:10	Study 1	<b>Studies on the interaction between mucosal inflammation and microbiome and intervention by probiotics in inflammatory bowel disease and obesity</b>  <u>Chiao-Hsiung Chuang</u> Department of Internal Medicine, Gastrointestinal section, National Cheng Kung University Hospital, Taiwan
12:10-13:30	<b>Lunch</b>	

**December 7th , 2019**
**Mucosal inflammation in respiratory diseases part I**
**Moderator: Yee-Shin Lin**

13:30-14:10	Talk 3	<b>Lung microbiome and airway disease</b>  <u>Jiu-Yao Wang</u> Center for Allergy and Clinical Immunology Research, Department of Pediatrics, National Cheng Kung University, Taiwan
14:10-14:40	Talk 4	<b>Innate immune surveillance by surfactant protein D against allergy</b>  <u>Uday Kishore</u> Department of Life Sciences, College of Health and Life Sciences, Brunel University London, UK
14:40-15:20	Talk 5	<b>The Protective vs Pathogenic: Role of CLEC5A in Microbial Infections</b>  <u>Shie-Liang Hsieh</u> Genomics Research Center, Academia Sinica, Taiwan
15:20-15:40	<b>Coffee break</b>	
<b>Mucosal inflammation in respiratory diseases part II</b> <b>Moderator: Shun-Hua Chen</b>		
15:40-16:20	Talk 6	<b>Metabolic shift is the key feature in the environment-disease relationship</b>  <u>Shau-Ku Huang</u> National Institute of Environmental Health Sciences, National Health Research Institutes, Taiwan
16:20-17:00	Study 2	<b>Studies of the interaction between mucosal inflammation and microbiome and intervention by probiotics in chronic obstructive lung disease</b>  <u>Chiung-Zuei Chen</u> Department of Internal Medicine, Chest Section, National Cheng Kung University Hospital, Taiwan
18:00-21:00	<b>Gala Dinner (For invited guests) at Shanghai Pavilion (38F, Shangri-La International Hotel)</b>	

**December 8<sup>th</sup>, 2019****Mucosal inflammation in allergy diseases****Moderator: Jiu-Yao Wang**

08:30-09:10	Keynote Talk 3	<b>Molecular allergology in pediatric practice: Differential diagnosis of virus-induced and allergic asthma</b>  <u><b>Rudolf Valenta</b></u> Department of Pathophysiology and Allergy Research, Center for Pathophysiology, Infectiology and Immunology, Medical University of Vienna, Austria
09:10-09:50	Keynote Talk 4	<b>Periostin: From a key mediator in inflammation to a promising biomarker for inflammation</b>  <u><b>Kenji Izuhara</b></u> Department of Biomolecular Sciences, Saga Medical School, Japan
09:50-10:20	Talk 7	<b>HDM allergens – from diagnosis to treatment</b>  <u><b>Susanne VRTALA</b></u> Department of Pathophysiology and Allergy Research, Center for Pathophysiology, Infectiology and Immunology, Medical University of Vienna, Austria
10:20-10:30	<b>Coffee Break</b>	
<b>Short talks by young researchers</b> <b>Moderator: Ai-Li Shiau</b>		
10:30-10:45	Short Talk 1	<b>Beneficial Effects of Probiotics on Improvement of Gut Dysbiosis and Postoperative Ascending Cholangitis in Patients with Pancreaticoduodenectomy</b>  <u><b>Jhong-Han Wu and Yan-Shen Shan</b></u> Department of Surgery, National Cheng Kung University Hospital, Taiwan
10:45-11:00	Short Talk 2	<b>Clinically relevant house dust mite allergens</b>  <u><b>Huey-Jy Huang</b></u> Department of Pathophysiology and Allergy Research, Center for Pathophysiology, Infectiology and Immunology, Medical University of Vienna, Austria
<b>Mucosal inflammation in upper and lower urinary tract diseases</b> <b>Moderator: Chao-Liang Wu</b>		
11:00-11:30	Talk 8	<b>Gut microbiota play central role to modulate plasma autotaxin, Trimethylamide-N-oxide in response to renal fibrosis on decreasing renal mass model</b>  <u><b>Ching-Yuang Lin</b></u> Department of Pediatrics, China Medical university, Taiwan
11:30-12:00	Study 3	<b>The study of interaction between mucosal inflammation and microbiome and intervention by probiotics in obstructive uropathy and lower urinary tract disease.</b>  <u><b>Chin-Chung Tseng</b></u> Department of Internal medicine, Nephrology section, National Cheng Kung University Hospital, Taiwan
12:00-12:10	<b>Closing Remarks</b>	

**補助機關 Adviser:**

教育部 Ministry of Education, Taiwan

國立成功大學高等教育深耕計畫辦公室

Headquarter of University Advancement, National Cheng Kung University (NCKU)

**主辦單位 Organized by:**

國立成功大學過敏及臨床免疫研究中心 Center for Allergy and Clinical Immunology Research, NCKU

臺灣與英國牛津大學學術策略聯盟 Taiwan and Oxford Academic Alliance, NCKU

國立成功大學醫學院 College of Medicine, NCKU

台灣過敏氣喘及臨床免疫學會(學分申請中)

**協辦單位 Co-organized by:**

國立成功大學傳染性疾病及訊息研究中心

Center of Infectious Disease and Signaling Research, NCKU

國立成功大學研發處 Office of Research and Development, NCKU

台灣兒童過敏氣喘免疫及風濕病學會(4 學分)

中華民國免疫學會 (8 學分)

**贊助商 Sponsor:**

台灣諾華股份有限公司 Novartis (Taiwan) Co., Ltd.

世盟生物科技 Union Biomed Inc.

昶安科技公司 Excel Biomedical Inc.

威健股份有限公司 Welgene Biotech Co., Ltd.

葛蘭素史克藥廠股份有限公司 GlaxoSmithKline Co., Ltd

賽諾菲股份有限公司 Sanofi Taiwan Co., Ltd.

騰達行 Unimed Healthcare Inc.

