

MRC Laboratory of Medical Sciences, LMS Building, Imperial College London

**Anglo-Nordic-Korean Joint Workshop - Immune System in Physiology and Pathology – April 24th**

No.	Time	Title	Affiliation	Speakers
	8:40-8:50	<b>Welcome to LMS</b>	Director, LMS	Wiebke Arlt
	8:50-9:00	<b>The role of NRF/KNTEC in facilitating collaborations</b>	Director, NRF / KNTEC	Heewoong Park
<b>Session 1. Opening Perspective (Chairs: Petter Brodin and Sunghoon Kim)</b>				
1	9:00-9:20	Finding novel immune modulators from protein synthesis enzymes	Yonsei University	Sunghoon Kim
2	9:20-9:40	Making sense of human immune systems by systems immunology	Karolinska Institutet / Imperial College London	Petter Brodin
<b>Session 2. Myeloid Cell Targeting in Inflammatory Diseases (Chair: Allan Lawrie)</b>				
3	9:40-10:00	Targeting membrane-associated KARS1 to modulate monocyte and macrophage trafficking in inflammatory disease	Zymedi	Nam Hoon Kwon
4	10:00-10:20	Targeting lysyl-tRNA synthetase alleviates MASH & CKD through inhibition of monocyte-derived macrophages	Sungkyunkwan University	Yeup Yoon
<b>Coffee Break (10:20-10:40)</b>				
<b>Session 3 – Immune Regulation and Inflammatory Diseases (Chair: Petter Brodin)</b>				
5	10:40-11:00	Gut-derived bile acid signaling controls intestinal & adipose inflammation	Yonsei University College of Medicine	Sungsoon Fang
6	11:00-11:20	Mechanisms of intracellular innate immune DNA sensing in health and disease	Freiburg & Stockholm University	Nelson Gekara
7	11:20-11:40	Nucleic acid sensing pathways in ageing and	LMS	Dominic Withers

## MRC Laboratory of Medical Sciences, LMS Building, Imperial College London

		senescence-associated inflammation - Team Science at LMS		
8	11:40-12:00	Immune responses in mucosal tissues with a focus on the lung.	Karolinska Institutet	Tim Willinger
9	12:00-12:20	The role of monocytes and macrophages in chronic liver diseases	Samsung Medical Center	Wonseok Kang
<b>Lunch Break (12:20-13:30)</b>				
<b>Session 4 – Inflammation and Pulmonary Diseases (Chair: Allan Lawrie)</b>				
10	13:30-13:50	Pulmonary hypertension and right heart hypertrophy: Translational medicine at the Giessen Lung Center	Justus-Liebig-University Giessen	Ralph Schermuly
11	13:50-14:10	Interactions between resident lung cells and infiltrating inflammatory cells in pulmonary diseases	Imperial College London NHLI	Clare Lloyd
12	14:10-14:30	Generation and regulation of immunity via cellular crosstalk in the lung	Imperial College London NHLI	Cecilia Johansson
<b>Coffee Break (14:30-14:50)</b>				
<b>Session 5 – Inflammation and Pulmonary Hypertension (Chair: Sunghoon Kim)</b>				
13	14:50-15:10	Targeting osteoprotegerin for the treatment of PAH	Imperial College London NHLI	Allan Lawrie
14	15:10-15:30	Towards deeper phenotyping of PAH	Seoul National University Hospital	Jun-Bean Park
15	15:30-15:50	Pathways that drive inflammation and remodelling during respiratory infection and in chronic lung disease	Imperial College London NHLI	Rob Snelgrove
<b>Closing Remarks (15:50-16:00)</b> Sunghoon Kim and Allan Lawrie				