SESSION LECTURE

No. 54

Aging and Disease

Room: 401

Co-Chairs: Biao Chen  **Jan Hoeijimakers** 

Day 3 October 29th (Monday) 8:30 – 12:00		
Time	**Speaker**	**Title**
8:30-9:00	**Biao Chen** *Xuanwu Hospital, Capital Medical University, China*	Epidemiology and prevention of fraity in older chinese population: an emerging priority
9:00-9:30	**Jeremy D. Walston** *Johns Hopkins University, USA*	Frailty and Late-Life Decline: The Role of Aging Related Biological Change
9:30-10:00	**Jan Hoeijimakers** *Erasmus Universiteit Rotterdam The Netherlands*	From DNA damage to aging, neurodegeneration and proteinopaties: the effect of nutritional interventions
10:00-10:30	**Tea Break**	
10:30-11:00	**Eiji Hara** *Osaka University, Japan*	The roles and mechanisms of cellular senescence in aging and cancer
11:00-11:30	**Guanghui Liu** *Institute of Biophysics, Chinese Academy of Sciences, China*	Programming and Reprogramming of Aging
11:30-12:00	**Junping Liu** *Hangzhou Normal University, China*	Telomere and cell aging: a new therapeutic approach

Biao Chen

pbchan@hotmail.com

Chief physician and professor of Xuanwu Hospital Capital Medical University, Director of Neurobiology laboratory.The aims of his research are to understand the genetic and epidemiological roles of Parkinson's Disease.

Jan Hoeijimakers

j.hoeijmakers@erasmusmc.nl

Oncode Investigator at Princess Máxima Center and Erasmus MC. His research are focusing on the field of DNA repair and its consequences for cancer and aging.

Guanghui Liu

ghliu@ibp.ac.cn

Professor at the Institute of Biophysics, Chinese Academy of Sciences. He aims to identify the mechanisms underlying human stem cell aging and their implications in human age-associated disorders. The mission of Dr. Liu's laboratory is to establish a global view on the factors contributing to or antagonizing human stem cell aging, and to develop novel therapeutic interventions for the goal of "healthy aging".

Eiji Hara

eiji.hara@jfcr.or.jp

Professor of Osaka University and Division Chief of Japanese Foundation for Cancer Research (Tokyo, Japan). He is particularly interested in exploring the physiological roles and mechanisms underlying cellular senescence in vivo and understanding the molecular mechanisms underlying inflammatory diseases induced by senescenceassociated secretory phenotypes (SASPs).

Junping Liu

junping.liu@mcri.edu.au

Director of Institute of Aging Research, Hangzhou Normal University. Prof Jun-Ping Liu's research has been largely on molecular mechanisms of cellular signal transduction in mammalian cell function and malfunction. It focuses on two major areas that are cellular organelle homeostasis by nucleotide binding proteins especially ATP13A2, and telomere (chromosome end) integrity and function by telomerase and other binding proteins.

Jeremy D. Walston

jwalston@jhmi.edu

Dr. Jeremy Walston is a professor of medicine at the Johns Hopkins University School of Medicine. His area of clinical expertise is geriatric medicine. As part of his research focused on aging and frailty, Dr. Walston helped develop the most commonly utilized definition of frailty and used this phenotype to identify inflammatory, endocrinological and renin angiotensin system-related pathways that influence frailty and late-life decline.