

## Friday, November 17

Invited Lecture 1 13:00-13:45 Room 1 (Main Hall)

### IL1 WASPaLM/JSLM Joint Lectures

**Chair: Masami Murakami** *Department of Clinical Laboratory Medicine, Gunma University Graduate School of Medicine, Japan*

**IL1 The recent progress of multi omics approach (FANTOM omics) and its medical application**  
**Yoshihide Hayashizaki**  
*RIKEN Preventive Medicine and Diagnosis Innovation Program, Japan*

Invited Lecture 2 13:45-14:30 Room 1 (Main Hall)

### IL2 WASPaLM/JSLM Joint Lectures

**Chair: Yutaka Yatomi** *Department of Clinical Laboratory Medicine, Graduate School of Medicine, The University of Tokyo, Japan*

**IL2 Working with deadly viruses: Battling Ebola and influenza**  
**Yoshihiro Kawaoka**  
*Department of Pathobiological Sciences, School of Veterinary Medicine, University of Wisconsin-Madison, USA; International Research Center for Infectious Diseases and Division of Virology, Department of Microbiology and Immunology, Institute of Medical Science, University of Tokyo, Japan*

Educational Lecture 3 14:40-15:40 Room 1 (Main Hall)

### EL3 Cardiovascular Risk Factors: Lp(a) and Remnant Cholesterol

**Chair: Hiroshi Yoshida** *Jikei University Kashiwa Hospital, Japan*

**EL3 Cardiovascular risk factors: Lp(a) and remnant cholesterol**  
**Børge G. Nordestgaard**  
*Herlev Hospital, Denmark*

Educational Lecture 4 15:40-16:40 Room 1 (Main Hall)

### EL4 The Role of GPIHBP1, an Endothelial Cell Transporter for Lipoprotein Lipase, in Health and Disease

**Chair: Masami Murakami** *Department of Clinical Laboratory Medicine, Gunma University Graduate School of Medicine, Japan*

**EL4 The role of GPIHBP1, an endothelial cell transporter for lipoprotein lipase, in health and disease**  
**Stephen G. Young**  
*University of California Los Angeles, USA*

Symposium 11 17:00-18:30 Room 1 (Main Hall)

### SY11 Molecular and Precision Medicine

**Chairs: Hong Shang** *First Affiliated Hospital, China Medical University, China*  
**Masami Murakami** *Department of Clinical Laboratory Medicine, Gunma University Graduate School of Medicine, Japan*

**SY11-1 The new perspective of the laboratory medicine: Stem cells**  
**Francesco Curcio**  
*Department of Medicine, University of Udine, Udine, Italy*

**SY11-2 Preliminary investigation of clinical significance of an improved method to identify circulating tumor cells**  
**Wei Cui**  
*The Department of Clinical Laboratory, National Cancer Center/Cancer Hospital, Beijing, China*

**SY11-3 Cell context-dependent molecular markers in lung cancer**

**Sana Yokoi**

*Division of Genetic Diagnostics, Chiba Cancer Center Hospital; Cancer Genome Center, Chiba Cancer Center Research Institute, Japan*

**Symposium 12**

**8:30-10:00 Room 10 (Room A)**

**SY12 Laboratory Medicine in the Prevention of Chronic Kidney Disease (CKD)**

**Chairs: Flavio F. P. Alcantara** *Department of Clinical Pathology, IACS-/University of Sao Paulo - Medical School, Brazil*  
**Yoshihisa Itoh** *Medical Laboratory, Eiju General Hospital, Life Extension Research Institute, Japan*

**SY12-1 Standardized action for CKD through the IFCC-WASPaLM Task Force: Problems and solutions for a globalized world**

**Flavio F. P. Alcantara**

*Department of Clinical Pathology, IACS-/University of Sao Paulo - Medical School, Brazil*

**SY12-2 Mexican Task Force on CKD: Successful results of the creatinine standardization program for accurate assessment of eGFR**

**Claudio R. Ruiz-Arenas**

*Laboratorios Exakta, Puebla, Mexico*

**SY12-3 Clinicopathological characteristics and related biomarkers in diabetic nephropathy**

**Takashi Wada**

*Department of Nephrology and Laboratory Medicine, Kanazawa University, Japan*

**Symposium 13**

**10:00-11:30 Room 10 (Room A)**

**SY13 Adding Value to Laboratory Medicine and Pathology Practice**

**Chairs: Andre Ilbawi** *Cancer Control, World Health Organization, Switzerland*  
**Kiyooki Watanabe** *Tokyo Center for Laboratory Medicine, Japan*

**SY13-1 Improving laboratory practice worldwide through guidelines and online education**

**Catherine P.M. Hayward**

*Department of Pathology and Molecular Medicine and Medicine, McMaster University, Hamilton, Ontario, Canada*

**SY13-2 The value ladder in laboratory medicine**

**Howard A. Morris**

*School of Pharmacy and Medical Sciences, University of South Australia, Adelaide, SA, Australia*

**SY13-3 A novel evidence-based laboratory medicine in the era of the big data and AI**

**Masahiro Nishibori**

*Department of Social Services and Healthcare Management, International University of Health and Welfare, Tochigi, Japan*

**SY13-4 Value proposition for advanced molecular diagnostics in cancer and transplantation**

**Michael Oellerich**

*Department of Clinical Pharmacology, University Medicine Goettingen, Goettingen, Germany*

**Symposium 14**

**15:00-16:30 Room 10 (Room A)**

**SY14 Role of the Laboratory in the Follow Up of Hematologic and Metabolic Aspect of Sports Medicine (SIPMeL)**

**Chairs: Kiyoshi Ichihara** *Faculty of Health Sciences, Yamaguchi University Graduate School of Medicine, Japan*  
**Catherine P.M. Hayward** *Department of Pathology and Molecular Medicine and Medicine, McMaster University, Hamilton, Ontario, Canada*

**SY14-1 Hematological disorders in athletes**

**Giuseppe d'Onofrio**

*Hematology, Catholic University & NADO Italia Antidoping Committee, Italy*

- SY14-2 Leukocytic parameters in assessing sport effort**  
**Anna Maria Cenci**  
*Italian Society of Pathology and Laboratory Medicine (SIPMeL), Castelfranco Veneto, Italy*
- SY14-3 The role of the laboratory in the management of extreme sports**  
**Elisabetta Stenner**  
*Department of Laboratory Medicine, Azienda Sanitaria Universitaria Integrata di Trieste, Italy*
- SY14-4 Mental & physical fitness throughout life: Is it possible to make prevention and reduce health spending?**  
**Roberto Verna**  
*Department of Experimental Medicine, Sapienza University of Rome, Italy*

Symposium 15

16:30-18:00 Room 10 (Room A)

**SY15 Liquid Biopsy and Micro RNA**

**Chairs: Luisane M. F. Vieira** *Laboratório Médico Geraldo Lustosa, SBPC/ML, Brazil*  
**Eizaburo Sueoka** *Department of Laboratory Medicine, Saga University Hospital, Japan*

**SY15-1 Graft-derived cell-free DNA as a diagnostic tool in transplantation**  
**Michael Oellerich**  
*Department of Clinical Pharmacology, University Medicine Goettingen, Goettingen, Germany*

**SY15-2 Plasma cell-free DNA for monitoring of cancer treatment**  
**Ekkehard Schütz**  
*Chronix Biomedical, Germany/USA*

**SY15-3 Unleashing the potential of microRNAs as biomarkers and therapeutic targets in urologic malignancies**  
**George M. Yousef**  
*Department of Laboratory Medicine and Pathobiology, University of Toronto, Ontario, Canada*