

## Schedule at a Glance

<b>Day 1</b>	<b>May 24, Friday</b>	
08:00~16:00	<b>Registration</b>	1F Lobby
08:00~09:30	<b>Poster Set-up</b>	B1 Lobby
09:30~09:40	<b>Opening Remarks</b>	16F Hall
	<b>Wen-Chang Chang (Chairman and Academician, Taipei Medical University)</b>	
	<b>Pao-Chi Liao (President, Taiwan Proteomics Society)</b>	
	<b>Plenary Lecture</b>	16F Hall
	Moderator: Academician Andrew H.-J. Wang, Academia Sinica, Taiwan	
09:40~10:20	<b>From proteins to human biology: how the Human Proteome Project might inspire human biology research?</b>	
	Pierre Legrain	
	<i>Director, Commissariat à l'Energie Atomique, France</i>	
10:20~10:40	<b>Coffee Break</b>	16F and B1 Lobby
	<b>Session I: Translational Medicine in Cancer Biology</b>	16F Hall
	Moderators: Professor Hua-Lin Wu, National Chung-Kung University, Taiwan	
	Professor Huei Lee, Taipei Medical University, Taiwan	
10:40~11:00	<b>Potential biomarker discovery for gastric and lung cancers</b>	
	Chung-Hsuan Chen	
	<i>Academician, Director and Distinguished Research Fellow, Academia Sinica, Taiwan</i>	
11:00~11:20	<b>The role of dUTP in tumorigenesis and cancer therapy</b>	
	Zee-Fen Chang	
	<i>Director and Professor, National Yang-Ming University, Taiwan</i>	
11:20~11:40	<b>A zebrafish model of intrahepatic cholangiocarcinoma by hepato-specific expression of hepatitis viral oncogenes</b>	
	Jen-Leih Wu	
	<i>Distinguished Research Fellow, Academia Sinica, Taiwan</i>	
11:40~12:00	<b>Molecular mechanism of HPV-infected lung tumorigenesis</b>	
	Ya-Wen Cheng	
	<i>Professor, Taipei Medical University, Taiwan</i>	
12:00~12:20	<b>Group Photography</b>	1F Outdoor Plaza
12:20~	<b>Lunch/ Vendor Lunch Seminars</b>	4F Hall & Room 8004-8008
12:30~13:30	<b>Taiwan Proteomic Society Council Meeting</b>	15F Conference room
	<b>Session II: Technology Development and Structure Function</b>	16F Hall
	Moderators: Professor Chen-Yang Shen, Academia Sinica, Taiwan	
	Professor Yeou-Guang Tsay, National Yang-Ming University, Taiwan	
13:30~14:00	<b>Not lost in Translation: can whole proteoforms be robust markers even in diverse clinical populations</b>	

Neil L. Kelleher

*Professor, Northwestern University, USA*

14:00~14:30 **High-throughput analysis of protein-protein interactions in picoliter-volume droplets**

Soo-IK Chang

*Professor, Chungbuk National University, Korea*

14:30~15:00 **Structural basis for novel post-translational modifications regulated by Sirtuins**

Quan Hao

*Professor, University of Hong Kong, Hong Kong*

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15:00~15:20 **Coffee Break**

16F and B1 Lobby

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15:20~15:40 **IL-20 antibody is a potential drug for osteoporosis**

Ming-Shi Chang

*Professor, National Cheng-Kung University, Taiwan*

15:40~16:00 **Functions of phosphorylation site clusters and multiple phosphorylations**

Ming-Daw Tsai

*Academician, Director and Distinguished Research Fellow, Academia Sinica, Taiwan*

16:00~16:30 **Combined proteome and transcriptome analysis: methods and applications**

Alexey I. Nesvizhskii

*Associate Professor, University of Michigan, USA*

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**Exhibition Workshop**

16F Hall

16:40~17:05 廠商一

17:05~17:30 廠商二

17:30~17:55 廠商三

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19:00~21:00 **Banquet**

Bus transportation

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**Day 2 May 25, Saturday**

08:00~16:00 **Registration**

1F Lobby

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**Plenary Lecture**

16F Hall

Moderator: Academician Jung-Yaw Lin, National Taiwan University, Taiwan

08:40~09:20 **Current state of the chromosome-centric human proteome project to characterize the set of proteins encoded in the genome**

Young Ki Paik

*Director and Professor, Yonsei University, Seoul, Korea*

## Plenary Lecture

Moderator: Academician Wen-Chang Chang, Taipei Medical University, Taiwan

09:20~10:00

### Studying diseases using mass spectrometry

John R. Yates

*Professor, The Scripps Research Institute, La Jolla, CA, USA*

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10:00~10:20

### Coffee Break

16F and B1 Lobby

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### Session III: Translational Medicine in Neuron Disorder

16F Hall

Moderator: Professor Barry Hoffer, National Institute on Drug Abuse, USA

10:20~10:50

### The role of protein disorder in functional proteomics

Amina S. Woods

*Tenure track scientist, NIDA IRP, NIH, Baltimore, USA*

10:50~11:10

### Neuroregenerative effect of CART peptide in animal model of stroke

Yun Wang

*Director and Professor, National Health Research Institute, Taiwan*

11:10~11:30

### Targeting mitochondria for antioxidant treatment in hypertension

Julie Y. H. Chan

*Professor, Kaochung Chang-Gung University Memorial Hospital, Taiwan*

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### Session IV: Translational Medicine in Stem Cell Research

16F Hall

Moderator: Professor Chung-Cheng Liu, Industrial Technology Research Institute, Taiwan

11:30~12:00

### Function of transgelin in cancer stem cells

Chan-Wha Kim

*KHUPRO President, Korea University, Korea*

12:00~12:20

### FOX-mediated reprogramming of lung cancer cell to a stem-like state after spontaneous fusion with mesenchymal stem cell

Win-Ping Deng

*Director and Professor, Taipei Medical University, Taiwan*

12:20~12:40

### Characterization and Enrichment of SSEA Associated Human Tissue Stromal Stem/Progenitor Subset for Translational Medicine Study

Daniel Tzi-Bi Shih

*Professor, Taipei Medical University, Taiwan*

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12:40~

### Lunch

Room 8004-8008

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13:00~14:00

### Taiwan Proteomic Society Member Assembly

4F Hall

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13:00~15:00

### Poster Presentation

B1 Lobby

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15:00~15:20

### Coffee Break

16F and B1 Lobby

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### Session V: Biosignatures in Translational Medicine

16F Hall

Moderators: Professor Ping-Chiang Lyu, Dean of Student Affairs,

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National Tsing Hua University, Taiwan  
Professor Jau-Song Yu, Chang-Gung University, Taiwan

15:20~15:40	<b>Pathogenesis and biosignatures of endometriosis</b> Chii-Ruey Tzeng <i>Dean and Professor, College of Medicine, Taipei Medical University, Taiwan</i>
15:40~16:00	<b>Personalized membrane proteomics for biomarker mining and validation</b> Yu-Ju Chen <i>Deputy Director and Research Fellow, Academia Sinica, Taiwan</i>
16:00~16:20	<b>A biosignature study applying multiple reaction monitoring proteomic technology to population-based oral screening program reveals candidate OSCC biomarkers</b> Yu-Sun Chang <i>Professor, Chang-Gung University, Taiwan</i>
16:20~16:40	<b>Biomarkers of proteomic approach in Alzheimer's disease</b> Chaur-Jong Hu <i>Associate Professor, Taipei Medical University, Taiwan</i>
16:40~17:00	<b>Best Poster Award Ceremony and Closing Remarks</b> <b>Wen-Chang Chang (Chairman and Academician, Taipei Medical University)</b> <b>Pao-Chi Liao (President, Taiwan Proteomic Society)</b> <b>16F Hall</b>
16:40~17:10	<b>Poster Remove</b> <b>B1 Lobby</b>

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