

Abstracts of papers presented  
at the 2026 Cold Spring Harbor Asia Conference

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# UBIQUITIN FAMILY, AUTOPHAGY & DISEASES

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April 6–April 10, 2026

Arranged by

Raymond Deshaies, *California Institute of Technology*

Maho Hamasaki, *The University of Osaka*

Jianping Jin, *Zhejiang University*

Xiaobo Qiu, *China Pharmaceutical University /*

*Beijing Normal University*

Brenda Schulman, *Max Planck Institute of Biochemistry*



Cold Spring Harbor Conferences Asia  
Cold Spring Harbor Laboratory



## UBIQUITIN FAMILY, AUTOPHAGY & DISEASES

Monday, April 6– Friday, April 10, 2026

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Monday	7:00 pm	<b>Keynote Speaker I</b>
Monday	8:00 pm	<b>1</b> Ubiquitin Biology and Disease
Tuesday	9:00 am	<b>Keynote Speaker II</b>
Tuesday	9:00 am	<b>2</b> Autophagy
Tuesday	2:00 pm	<b>Poster Session</b>
Tuesday	7:00 pm	<b>3</b> Ubiquitin Family and Biology
Wednesday	9:00 am	<b>4</b> Ubiquitin Family and Autophagy
Wednesday	1:30 pm	<i>Visit to Old Suzhou*</i>
Wednesday	7:15 pm	<b>5</b> Ubiquitin Family, Autophagy and Organelle Biology
Thursday	9:00 am	<b>6</b> Technology and Drug Discovery
Thursday	2:00 pm	<b>7</b> UPS and Mechanisms
Thursday	5:00 pm	<i>Cocktails and Banquet</i>
Friday	9:00 am	<b>8</b> Proteasome and Proteolytic Process

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Oral presentation sessions are located in the CSHA Auditorium

Poster session is in the Lake Front Hall.

Cocktail social hour is held outside in the Suz Garden.

Old Suzhou visits depart from the CSHA lobby

*\*optional tour requires additional fee.*

Meal locations and times are as follows:

Lunch: Main Cafeteria 12:00pm - 1:30pm

Dinner: Main Cafeteria 6:00pm - 7:30pm

Banquet: Suz Garden 6:00pm

More information will be available at CSHA office.

*(Map at the end of this abstract book)*

PROGRAM

MONDAY, April 6—7:00 PM

**KEYNOTE SPEAKER**

**Introduction by: Brenda Schulman**, Max Planck Institute of Biochemistry, Martinsried, Germany

**Orthosteric molecular glue inhibits COP9 signalosome with substrate-dependent potency**

Ning Zheng, Huigang Shi, Xiaorong Wang, Clinton Yu, Fenglong Jiao, Haibin Mao, Thomas Hinds, Shiyun Cao, Merav Braitbard, Ben Shor, Dina Schneidman-Duhovny, Lan Huang [35'+10']

Presenter affiliation: University of Washington, Seattle, Washington. 1

MONDAY, April 6—8:00 PM

**SESSION 1** UBIQUITIN BIOLOGY AND DISEASE

**Chairpersons:** **Feng Rao**, Southern University of Science and Technology, Shenzhen, China  
**Helle Ulrich**, Institute of Molecular Biology (IMB), Mainz, Germany

**DCAF6 reprograms TGF- $\beta$  responses through TRIM33 destruction**

Hongjie Luo, Bo Yuan, Jinqun Liu, Xia Lin, Bin Zhao, Pinglong Xu, Jianping Jin, Yi Yu, Xin-Hua Feng [20'+10']

Presenter affiliation: Zhejiang University, Hangzhou, China. 2

**Substrate-induced dynamic regulation of COP1-DET1 E3 ligase**

Shan Wang, Fei Teng, Goran Stjepanovic, Feng Rao, Ming-Yuan Su [10'+5']

Presenter affiliation: Southern University of Science and Technology, Shenzhen, China. 3

**Break**

**A molecular switch regulating microglial state and neuroinflammation**

Paola Antonello, Angham Ibraheem, Michal Schwartz, Yifat Merbl [20'+10']

Presenter affiliation: Weizmann Institute of Science, Rehovot, Israel. 4

**Unique East Asian vasculopathy and the pathogenic role of the ubiquitin ligase Mysterin/RNF213**

Daisuke Morito [10'+5']

Presenter affiliation: Showa Medica University, Shinagawa, Japan. 5

**Mechanistic insights into the interactions of human E3 ligase RNF213 with the Shigella effector IpaH1.4 and the ubiquitin-like protein ISG15**

Xindi Zhou, Ye Zhang, Lifeng Pan [10'+5']

Presenter affiliation: Shanghai Institute of Organic Chemistry, Shanghai, China. 6

TUESDAY, April 7—9:00 AM

**KEYNOTE SPEAKER**

**Introduction by: Maho Hamasaki**, The University of Osaka, Osaka, Japan

**30 Years of autophagy—From fundamental mechanisms to healthspan extension**

Tamotsu Yoshimori [35'+10']

Presenter affiliation: The University of Osaka, Osaka, Japan. 7

TUESDAY, April 7—10:00 AM

**SESSION 2**      AUTOPHAGY

**Chairpersons:** **Han-Ming Shen**, University of Macau, Macau, China  
**Hong Zhang**, Chinese Academy of Sciences, Beijing, China

**Dynamic Ca<sup>2+</sup> signals drive autophagosome formation**

Hong Zhang [20'+10']

Presenter affiliation: Institute of Biophysics, Chinese Academy of Sciences, Beijing, China. 8

**SCYL1 defines a Golgiphagy pathway redirecting copi vesicles to autophagy**

Jieyun Bai, Lianghao Zhao, Qian Yang, Rui Huang, Tian Hua, Zhijie Liu, Yanfen Liu [10'+5']

Presenter affiliation: ShanghaiTech University, Shanghai, China.

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**Break**

**Regulatory mechanisms coordinating membrane dynamics and autophagic flux**

Maho Hamasaki [20'+10']

Presenter affiliation: The University of Osaka, Osaka, Japan.

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**Reconstitution of mammalian selective autophagy initiation**

Haixia Yang, Cha Wu, Chunmei Chang [10'+5']

Presenter affiliation: Fudan University, Shanghai, China.

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**Episodic transport of protein aggregates achieves a positive size selectivity in aggresome formation**

Rui Fang, Luolan Bai, Bert M. Verheijen, Boyan Li, Kevin Dong, Joao A. Paulo, Mengying Zhou, Yi-Chi Chu, Yuyu Song, Michael Y. Sherman, Steven Gygi, Christine M. Field, Timothy J. Mitchison, Ying Lu [10'+5']

Presenter affiliation: Harvard Medical School, Boston, Massachusetts; Current address: Westlake University, Hangzhou, China.

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TUESDAY, April 7—2:00 PM

**POSTER SESSION**

**Disruption of proteasome quality control enhances the efficacy of proteasome inhibitors**

Insuk Byun, Min Jae Lee

Presenter affiliation: Seoul National University College of Medicine, Seoul, South Korea; Seoul National University Graduate School, Seoul, South Korea.

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**An ER-anchored folding/refolding module links Hsp70-Hsp90 chaperones to membrane protein maturation**

Man-Xi Ge, Zai-Rong Zhang

Presenter affiliation: Interdisciplinary Research Center on Biology and Chemistry, Shanghai, China; University of Chinese Academy of Sciences, Beijing, China.

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- FBXO11 regulates tau pathogenesis independent on its E3 ubiquitin ligase function**  
 Qianzhi Yuan, Zhuohao He  
 Presenter affiliation: Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, Shanghai, China; University of the Chinese Academy of Sciences, Beijing, China. 15
- CHARON—A new way for targeted protein degradation**  
 Lingyun Huang, Huanhuan Wang, Yanru Yao, Xing Guo  
 Presenter affiliation: Zhejiang University, Hangzhou, China. 16
- ATP-independent unfolding of ubiquitin by Ufd1 initiates Cdc48/p97-mediated substrate processing**  
 Yanzhu Wang, Zhimin Zhang, Pengyu Wang, Wei He, Zhejiang Ji  
 Presenter affiliation: Westlake Laboratory of Life Sciences and Biomedicine, Hangzhou, China; Westlake University, Hangzhou, China; Westlake Institute for Advanced Study, Hangzhou, China. 17
- USP13-mediated stabilization of cIAP2 restricts necroptosis and drives colorectal cancer progression**  
 Yeon Jung Kim, Tanuza Das, Jinyoung Park, Inah Hwang, Eunice Eun Kyeong Kim, Hyo Kyoung Kim, Eun Joo Song  
 Presenter affiliation: Ewha Womans University, Graduate Program in Innovative Biomaterials Convergence, South Korea. 18
- Glucose starvation-induced disassembly of the 26S proteasome into 20S and 19S**  
Gabeen Lee, Insuk Byun, Seh Hoon Park, Min Jae Lee  
 Presenter affiliation: Seoul National University College of Medicine, Seoul, South Korea; Seoul National University Graduate School, Seoul, South Korea. 19
- Targeting proteasome homeostasis to enhance the efficacy of proteasome inhibitor anti-cancer drugs**  
Min Jae Lee  
 Presenter affiliation: Seoul National University College of Medicine, Seoul, South Korea. 20
- Membrane-anchored proteasomes regulate 3D cell growth and tumorigenesis**  
Xuemei Li, Yanru Yao, Kaiyue Tang, Yue Zhu, Weijie Zhang, Bing Yang, Xing Guo  
 Presenter affiliation: Zhejiang University, Hangzhou, China. 21

- Mechanism of proteasome substrate selection by ZFAND proteins**  
Dongqi Liu, Hikaru Tsuchiya, Takuya Tomita, Yasushi Saeki  
 Presenter affiliation: The University of Tokyo, Tokyo, Japan. 22
- LC3-associated phagocytosis of intracellular membranous structures in endotracheal sputum of pneumonia patients**  
Mika Minami, Kentaro Shimizu, Tamotsu Yoshimori, Maho Hamasaki  
 Presenter affiliation: The University of Osaka, Suita, Japan. 23
- Mitophagy dynamics between quiescence and reactivation in neural stem cells**  
Rina Onishi, Yusuke Kihara, Yuji Watanabe, Taeko Kobayashi, Yasushi Saeki  
 Presenter affiliation: The University of Tokyo, Tokyo, Japan. 24
- Ubiquitin receptor–driven proximity enables ubiquitin-independent targeted degradation by the 26S proteasome**  
Seh Hoon Park, Min Jae Lee  
 Presenter affiliation: Seoul National University College of Medicine, Seoul, South Korea; Seoul National University Graduate School, Seoul, South Korea. 25
- Sertraline and astemizole enhance the deubiquitinase activity of USP7 by binding to its switching loop region**  
Li Shi, Zhuo Xu, Xiaoyu Chen, Qian Meng, Hu Zhou, Bing Xiong, Naixia Zhang  
 Presenter affiliation: Shanghai Institute of Materia Medica, Shanghai, China. 26
- UBR4 promotes lung adenocarcinoma through mitophagy dysfunction–associated senescence**  
Jae Won Shin, Dawon Jeong, Min Jae Lee  
 Presenter affiliation: Seoul National University College of Medicine, Seoul, South Korea. 27
- Cysteine availability tunes ubiquitin signaling via inverse stability of LRR5 E3 ligase and its substrate CDO1**  
Luca Stier, Gisele A. Andree, Kerstin Schmiederer, Alina Thielen, Luis Schmid, Samuel A. Maiwald, Jiale Du, Susanne von Gronau, Claudia Strasser, Judith Müller, Lukas T. Henneberg, Camille Guyot, Gary Kleiger, Matthias Mann, Peter J. Murray, Brenda A. Schulman  
 Presenter affiliation: Max Planck Institute of Biochemistry, Martinsried, Germany; Technical University of Munich, Garching, Germany. 28

- Ubiquitin ligase RBX1-mediated compensation protects against heart failure following embryonic RBX2 deletion**  
Wenjuan Wang, Ermin Li, Jianqiu Zou, Jie Li, Juan Ayala, Jinbao Liu, Yi Sun, Huabo Su  
 Presenter affiliation: The First Affiliated Hospital of Shandong First Medical University & Shandong Provincial Qianfoshan Hospital, Jinan, China; Augusta University, Augusta, Georgia. 29
- MARCH5 regulates the formation of mitochondria-derived pre-peroxisomes via PEX3 ubiquitination**  
KaiChen Wu, Jun Zhen, Jing Chen, Min Zhuang  
 Presenter affiliation: ShanghaiTech University, Shanghai, China. 30
- Loss of UFSP2-mediated UFM1 Removal Impairs Ribosome Recycling and Drives Spondyloepiphyseal Dysplasia**  
Qi Yin, Xiaoyue Wu, Quan Yuan  
 Presenter affiliation: Sichuan University, Chengdu, China. 31
- Doxorubicin synergizes the proteasome inhibitor drug Ixazomib-induced cell death by blocking aggresome formation and in turn amplifying ER/Golgi stress responses and apoptosis**  
 Ching-Ming Chang, Yu-Ting A. Liao, Chia-Yun B. Pan, Jo-Mei M. Chen, Chieh-Lin J. Teng, Chang-Tze R. Yu  
 Presenter affiliation: National Chi Nan University, Nantou, Taiwan, China. 32
- Structural basis of site-specific PEX5 ubiquitination by the Human PEX2/10/12 ubiquitin ligase complex**  
Yingjie Zhang, Wenjing Li, Yingjie Ning, Yanhuan Zhang, Peng Xu, Suyu Yue, Jingpeng Ge, Suwen Zhao, Min Zhuang  
 Presenter affiliation: ShanghaiTech University, Shanghai, China. 33
- R-loop resolution by ARIH2 via non-proteolytic ubiquitylation of the helicase DDX11**  
Yiyun Zhang, Xiaoyun Zheng, Jianping Jin  
 Presenter affiliation: Life Sciences Institute, Hangzhou, China. 34
- PCMT1 generates the C-terminal cyclic imide degron on CRBN substrates**  
Zhenguang Zhao, Wenqing Xu, Ethan Y. Feng, Shiyun Cao, Alba Hermoso-López, Pablo Peña-Vega, Hannah C. Lloyd, Abigail K. Porter, Manuel Guzmán, Ning Zheng, Christina M. Woo  
 Presenter affiliation: Harvard University, Cambridge, Massachusetts; China Pharmaceutical University, Nanjing, China. 35

**Targeting rhythmic COP1 expression and CRL4<sup>COP1</sup> E3 assembly to safeguard circadian liver lipid metabolism**

Lu Zhou, Yuan Yan, Feng Rao

Presenter affiliation: Southern University of Science and Technology, Shenzhen, China.

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TUESDAY, April 7—7:00 PM

**SESSION 3** UBIQUITIN FAMILY AND BIOLOGY

**Chairpersons:** **Ivan Dikic**, Goethe University, Frankfurt, Germany  
**Hsueh-Chi Sherry Yen**, Academia Sinica, Taipei, Taiwan, China

**Trans-branching of polyubiquitin chains orchestrates the DNA replication stress response**

Helle D. Ulrich [20'+10']

Presenter affiliation: Institute of Molecular Biology, Mainz, Germany.

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**Glycogen quality control through ubiquitylation of aberrant glycogen**

Matthew Yip, Katerina Naydenova, Elsje G. Otten, Helen E. Jolin, Frederic Langevin, Michal Wiacek, Andrew McKenzie, Felix Randow [10'+5']

Presenter affiliation: MRC Laboratory of Molecular Biology, Cambridge, United Kingdom.

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**Ubiquitination of glycogen and metabolites in cells and tissues**

David Komander [20'+10']

Presenter affiliation: WEHI, Melbourne, Australia.

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**Ubiquitin-dependent metalloprotease SPRTN prevents premature aging and embryonic lethality**

Ivan Dikic [20'+10']

Presenter affiliation: Goethe University, Frankfurt, Germany; and Max Planck Institute for Biophysics, Frankfurt, Germany.

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**AMP biosynthesis inhibition promotes proteostasis mediated longevity and health span across species**

Kefeng Lu [10'+5']

Presenter affiliation: Sichuan University, Chengdu, China.

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**Sensing glucose and fatty acids by E3 ubiquitin ligases**

Feng Rao [20'+10']

Presenter affiliation: Southern University of Science and Technology, Shenzhen, China.

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WEDNESDAY, April 8—9:00 AM

**SESSION 4** UBIQUITIN FAMILY AND AUTOPHAGY

**Chairpersons:** **Kristijan Ramadan**, Nanyang Technological University, Singapore

**Sharon Tooze**, The Francis Crick Institute, London, United Kingdom

**Molecular function of WIPI proteins in autophagy**

Sharon A. Tooze, Eleanor Attridge [20'+10']

Presenter affiliation: The Francis Crick Institute, London, United Kingdom.

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**Investigating complete organelle clearance during erythroblast differentiation using genome-wide screening**

Xiaoqing Mu, Lan Wang, Xin Luo, Marija Banovic, Jacob Corn [10'+5']

Presenter affiliation: Institute of Molecular Health Sciences, Zurich, Switzerland.

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**Post-translational modifications of PINK1 in regulation of mitophagy**

Han-Ming Shen [20'+10']

Presenter affiliation: University of Macau, Macau, China.

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**Break**

**Nucleophagy as a DNA repair pathway regulated by the p97/VCP-TEX264 complex**

Kristijan Ramadan [20'+10']

Presenter affiliation: Nanyang Technological University, Singapore; MRC Weatherall Institute of Molecular Medicine, University of Oxford, Oxford, United Kingdom.

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**A genetic modifier of neurodegeneration caused by defective E3 ligase function in protein quality control**

Claudio Joazeiro [20'+10']

Presenter affiliation: Heidelberg University, Heidelberg, Germany; UF Scripps, Jupiter, Florida.

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**Non-proteolytic ubiquitylation in oncogenic promotion by ubiquitin ligases**

Jianping Jin [20'+10']

Presenter affiliation: Zhejiang University, Hangzhou, China.

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WEDNESDAY, April 8—1:30 PM

**Visit to Old Suzhou**

WEDNESDAY, April 8—7:15 PM

**SESSION 5** UBIQUITIN FAMILY, AUTOPHAGY AND ORGANELLE BIOLOGY

**Chairpersons:** **Pilong Li**, Tsinghua University, Beijing, China.  
**Nobuo Noda**, Hokkaido University Hokkaido, Japan

**VCP senses energy crisis and regulates proteostasis via ATPase-independent condensates**

Man Pan, Lei Liu, Pilong Li [20'+10']

Presenter affiliation: Tsinghua University School of Life Sciences, Beijing, China.

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**Ubiquitination in peroxisomal protein import**

Min Zhuang [20'+10']

Presenter affiliation: ShanghaiTech University, Shanghai, China.

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**A tuberculosis-associated ubiquitin-conjugating enzyme mediates stress granule-dependent phagolysosomal autophagy against infection**

Qiyao Chai, Yingxu Fang, Changgen Qiu, Cui Hua Liu [10'+5']

Presenter affiliation: Key Laboratory of Pathogen Microbiology and Immunology, Beijing, China.

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**Dissection of initial processes of autophagosome formation**

Nobuo N. Noda [20'+10']

Presenter affiliation: Hokkaido University, Sapporo, Japan; Microbial Chemistry Research Foundation, Tokyo, Japan.

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**Decipher the function of autophagy-lysosome pathway in stress granule clearance during recovery from oxidative stress**

Kangming Xiao, Xing Chen [10'+5']

Presenter affiliation: Peking University, Beijing, China.

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**A Parkin-independent mechanism regulating physiological mitochondrial turnover in the heart**

Wenjuan Wang, Lingxian Zhang, Jie Li, Yi Zhang, Huabo Su [10'+5']

Presenter affiliation: Medical College of Georgia, Augusta, Georgia.

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THURSDAY, April 9—9:00 AM

**SESSION 6** TECHNOLOGY AND DRUG DISCOVERY

**Chairpersons:** **David Komander**, The Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia

**Nicholas Thomä**, École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

**Chemical protein synthesis for the study of ubiquitin biochemistry**

Lei Liu [20'+10']

Presenter affiliation: Tsinghua University, Beijing, China.

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**Advancing ubiquitination profiling with Opti-Ub—A fiber-optic biosensor**

Tiantian Zheng, Like Li, Yanan Zhang, Zan Chen [10'+5']

Presenter affiliation: Chongqing Medical University, Chongqing, China.

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**How transcription factors work (and how to get rid of them)**

Nicolas H. Thomä [20'+10']

Presenter affiliation: École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland.

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**Break**

**Hijacking ER-associated degradation (ERAD) for targeted protein degradation**

Boxun Lu [20'+10']

Presenter affiliation: Fudan University, Shanghai, China.

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**A new type of molecular glue mediated by inter-compound interaction**

Xu Tan [10'+5']

Presenter affiliation: Chinese Institutes for Medical Research, Beijing, China.

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**Multimodal supramolecular targeting chimeras enable spatiotemporally resolved protein degradation *in vivo***

Ji Liu, Tianyu Ma, Rui Yao, Lijuan Li, Qizhen Zheng, Ming Wang [10'+5']

Presenter affiliation: Institute of Chemistry, Chinese Academy of Sciences, Beijing, China; University of Chinese Academy of Sciences, Beijing, China.

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**Direct proteasomal degradation of target proteins by non-ubiquitin PROTAC, NuTAC**

Xiao-Bo Qiu [20'+10']

Presenter affiliation: China Pharmaceutical University, Nanjing, China; Beijing Normal University, Beijing, China.

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THURSDAY, April 9—2:00 PM

**SESSION 7** UPS AND MECHANISMS

**Chairpersons:** **Virginia De Cesare**, University of Dundee, United Kingdom  
**Claudio Joazeiro**, Heidelberg University, Heidelberg, Germany

**Macromolecular regulation by the ubiquitin-proteasome system**

Brenda A. Schulman [20'+10']

Presenter affiliation: Max Planck Institute of Biochemistry, Martinsried, Germany.

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**Resolving TDP-43 proteopathy at the junction of proteostasis and ribostasis**

Byung-Hoon Lee, Sung Bae Lee, Eun-Soo Kwon [10'+5']

Presenter affiliation: Daegu Gyeongbuk Institute of Science and Technology (DGIST), Daegu, South Korea.

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**Protein C-terminal variations impact proteostasis**

Ching-Yu Chu, Shu-Yu Hsu, Chi-Wei Yeh, Hsueh-Chi Sherry Yen [20'+10']

Presenter affiliation: National Taiwan University and Academia Sinica, Taipei, Taiwan, China.

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**Break**

**Unravelling the biological function of non-canonical E2s—The UBE2Q1 ubiquitylation machinery and substrate network**

Chiara Cazzaniga, Syed Arif Abdul Rehman, Axel Knebel, Virginia De Cesare [20'+10']

Presenter affiliation: University of Dundee, Dundee, United Kingdom.

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**Tyrosine ubiquitination and related tool development**

Siqi Shen, Yang Shi, Hang Yin [10'+5']

Presenter affiliation: Tsinghua University, Beijing, China, China.

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**Cellular regulation and pathophysiological relevance of the midnolin-proteasome pathway**

Justine C. Rutter, Lucy Ort, Christopher Nardone, Kevin Lin, Mariateresa Fulciniti, Nikhil C. Munshi, Benjamin Ebert, Xin Gu [20'+10']

Presenter affiliation: Dana-Farber Cancer Institute, Boston, Massachusetts; Harvard Medical School, Boston, Massachusetts.

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THURSDAY, April 9—5:00 PM

**COCKTAILS and BANQUET**

**SESSION 8**      **PROTEASOME AND PROTEOLYTIC PROCESS**

**Chairpersons:** **Yasushi Saeki**, The University of Tokyo, Tokyo, Japan  
**Yong Wan**, Emory University School of Medicine, Atlanta, Georgia, USA

**Mapping proteasomal degradation pathways**

Takuya Tomita, Kurumi Asano, Yasushi Saeki [20'+10']

Presenter affiliation: The University of Tokyo, Tokyo, Japan.

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**Nucleolus functions as compartment for proteasomal degradation**

Ying Liu, Yin Li, Jie Fang, Peipei Zhang [10'+5']

Presenter affiliation: Peking University, Beijing, China.

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**Proteasome assembly—From molecular mechanisms to human diseases**

Wenqing Li, YaoYao Han, Qian Han, Qianqian Tang, Min Wu, Yixiao Zhang, Kai Liu [10'+5']

Presenter affiliation: Wuhan University, Wuhan, China.

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**Proteasome condensation and substrate selectivity in aggregate clearance and dementia**

Yu Ye [10'+5']

Presenter affiliation: Imperial College London, London, United Kingdom.

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**Break**

**BRCA1 deficiency impairs antigen presentation and immune evasion via MAN1C1 mislocalization and MHC-I destruction**

Nagendra Yarla, Yueming Zhu, Timothy A. Chan, Katherine L. Nathanson, Yong Wan [20'+10']

Presenter affiliation: Emory University School of Medicine and Winship Cancer Institute, Atlanta, Georgia.

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**A UBH-UBX module amplifies p97/VCP's unfolding power to facilitate protein extraction and degradation**

Zai-Rong Zhang [10'+5']

Presenter affiliation: Shanghai Institute of Organic Chemistry, CAS, Shanghai, China.

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**Differential regulation of 26S proteasome and 20S proteasome by ZFAND5**

Donghoon Lee, Yanjun Li, Ying Lu, Yanan Zhu, Alfred L. Goldberg [10'+5']

Presenter affiliation: Wenzhou-Kean University, Wenzhou, China.

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**Association of immunoproteasomes with renal fibrosis and chronic kidney disease**

Sumin Kim, Min Jae Lee [10'+5']

Presenter affiliation: Seoul National University College of Medicine, Seoul, South Korea.

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**Localized proteasomal degradation—From the nucleus to the membrane**

Xing Guo [10'+5']

Presenter affiliation: Zhejiang University, Hangzhou, China.

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