

PROGRAM

March 24–27, 2025

Frankfurt
Conference



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MONDAY, MARCH 24th

11.00-12.00	<i>Arrival and registration</i>	Foyer
12.00-12.15	Opening and welcome Ivan Đikić	Festsaal Casino
12.15-13.00	Keynote lecture Aaron Ciechanover Technion, IS mTOR-dependent, stress induced nucleo-cytoplasmic proteasome shuttling as a novel potential anti-cancer target	K1
13.00-14.00	<i>Lunch</i>	Foyer
Session I	Ubiquitination and autophagy interplay in health and disease Chair: Katja Simon	Festsaal Casino
14.00-14.20	Wade Harper Harvard Medical School, US Toward a structural proteome landscape of early endosomes	L1
14.25-14.45	Brenda Schulman Max Planck Institute of Biochemistry, DE Ubiquitin chains	L2
14.50-15.10	Sagar Bhogaraju EMBL, FR A ubiquitin-specific, proximity-based labeling approach and its applications	L3
15.15-15.35	Sharon Tooze The Francis Crick Institute, UK Mechanistic studies of autophagic cargo recruitment and membrane expansion through in vitro reconstitution	L4
15.40-16.00	Zvulun Elazar Weizmann Institute of Science, IS Local PC synthesis at the autophagosome formation site	L5
16.05-16.35	<i>Coffee break</i>	Foyer

TUESDAY, MARCH 25th

Session II	Organelles' quality control networks Chair: Tassula Proikas-Cezanne	Festsaal Casino
16.35-16.55	Ron Kopito Stanford University, US Ribosome UFMylation and quality control at ER translocons	L6
17.00-17.20	Michael Lazarou Walter and Eliza Hall Institute of Medical Research, AU BNIP3/NIX mitophagy: mechanisms and therapeutic potential	L7
17.25-17.45	Anne Simonsen University of Oslo, NO Regulation of mitochondrial quality control and cellular bioenergetics during hypoxia	L8
17.50-18.05	Paolo Grumati TIGEM, IT Autophagy regulates GLUT1 transporter trafficking	L9
18.10-18.30	Michael Rape University of California, Berkeley, US Stress responses in human cell fate choices	L10
18.30-18.55	James Olzman University of California, Berkeley, US Mechanisms of lipid quality control: From lipid droplets to ferroptosis	L11
19.00	<i>Welcome dinner</i>	1st floor

Session III	Organelles in biology and disease Chair: Christian Behl	Festsaal Casino
09.00-09.20	Dimitri Krainc Northwestern University, US The role of mitochondria-lysosome contacts in health and disease	L12
09.25-09.45	Rushika Perera UCSF, US Uncovering lysosome dependent mechanisms of cellular adaptation in cancer	L13
09.50-10.05	Alexandra Stolz GU Frankfurt, DE Regulation of contact inhibition via YTHDF2-linked autophagy induction	L14
10.10-10.30	Volker Haucke Leibniz-FMP, DE Lipid switches in cell physiology: From nutrient signals to disease	L15
10.35-11.05	<i>Coffee break</i>	Foyer
Chair: Christian Münch		
11.05-11.25	Hemmo Meyer University of Duisburg-Essen, DE Coping with damaged lysosomes: a decision between repair and lysophagy	L16
11.30-11.50	Roberto Zoncu University of California, Berkeley, US Dissecting and disabling cholesterol-mTORC1 signaling in neurodegeneration	L17
11.55-12.10	Anja Bremm GU Frankfurt, DE Regulation of PINK1 activation by USP34	L18

WEDNESDAY, MARCH 26th

12.15-12.30	Mikhail Rudinskiy Università della Svizzera italiana, CH Intrinsically disordered regions of membrane-bound autophagy receptors drive organelle fragmentation	L19
12.35-12.50	Sophie Levantovsky LMU Munich, DE Identifying ubiquitin ligases driving lysosomal membrane damage response processes	L20
13.00-14.30	<i>Lunch</i>	Foyer
Session IV	RNA and protein quality control Chair: Michaela Müller-McNicoll	Festsaal Casino
14.40-15.00	Ulrich Hartl Max Planck Institute of Biochemistry, DE Molecular chaperone functions in protein folding in situ	L21
15.05-15.25	Judith Frydman Stanford University, US Chaperone mediated protein folding in health and disease	L22
15.30-15.45	Audrey Xavier GU Frankfurt, DE Programmed ribosomal frameshifting controls host translation and proviral responses	L23
15.50-16.10	Elena Conti Max Planck Institute of Biochemistry, DE The exosome complex: the powerhouse of RNA quality control	L24
16.15-16.30	Flash talks for Poster Session I	
16.30-19.30	Poster Session I <i>Light finger food</i>	Festsaal Casino

Session V	Proteinopathies and neurodegeneration Chair: Dorothee Dormann	Festsaal Casino
09.00-09.20	Erika Holzbaur University of Pennsylvania, US Organelle quality control in neuronal homeostasis and neurodegeneration	L25
09.25-09.45	Sascha Martens Max Perutz Labs, AT Mechanisms of selective autophagy	L26
09.50-10.10	Elke Deuerling Konstanz University, DE Essential co-translational pathways for maintaining proteome health	L27
10.15-10.30	Florian Wilfling Max Planck Institute of Biophysics, DE Visualizing protein condensates by cryo-electron tomography	L28
10.35-11.05	<i>Coffee break</i>	Foyer
	Chair: Manuel Kaulich	
11.05-11.25	Anne Bertolotti MRC Laboratory of Molecular Biology, UK Boosting cellular defense mechanisms as a treatment for degenerative diseases	L29
11.30-11.50	Michael Hall University of Basel, CH mTOR signaling in growth, metabolism and disease	L30
11.55-12.10	Mariana Borsa Oxford University & MDC, UK/DE DamAged memories: how mitophagy controls T cell diversity	L31
12.15-12.30	Huaipeng Xing Max Planck Institute of Biophysics, DE Visualization of protein synthesis and folding inside human cells by cryo-electron tomography	L32

12.35-12.50	Reymond Sutandy GU Frankfurt, DE ROS-mediated signaling of the mitochondrial UPR during stress and aging	L33
13.00-14.30	<i>Lunch</i>	Foyer
Session VI	<i>Emerging therapeutics utilising the ubiquitin system</i> Chair: Maike Windbergs	Festsaal Casino
14.30-14.50	Danette Daniels Foghorn Therapeutics, US Targeting chromatin regulators with therapeutic degraders	L34
14.55-15.15	Nicolas Thomä EPFL Laussane, CH Protein quality control of transcription factors	L35
15.20-15.40	Alessio Ciulli University of Dundee, UK New insights and twists on PROTAC and molecular glue degraders design and mechanism	L36
15.45-16.00	Ram Bhaskara GU Frankfurt, DE Decoding homeostatic pathways: from data streams to molecular mechanisms	L37
16.05-16.20	Matthias Muhar ETH Zürich, CH A chemical degron marks C-terminally modified proteins for removal via SCF/FBXO31	L38
16.30-17.00	<i>Coffee break</i>	Foyer
	Chair: Aimo Kannt	
17.00-17.20	Dan Nomura University of California, Berkeley, US Reimagining druggability using chemoproteomic platforms	L39
17.25-17.45	Georg Winter CEMM Vienna, AT Identification and characterization of small-molecule degraders	L40

17.50-18.05	Jing Heng Joseph Lim Berlin Institute of Health, DE Deconvoluting complex biological phenotypes in vivo using targeted protein degradation	L41
18.10-18.25	Zuzana Hodakova Vienna BioCenter, AU Structure of the giant HECT E3 HERC1 reveals a novel interaction with PCNA	L42
18.30-18.45	Flash talks for Poster Session II	
19.00-22.00	Poster Session II <i>Dinner</i>	Festsaal Casino, Foyer

THURSDAY, MARCH 27th

Session VII	<i>Ubiquitin-autophagy networks in inflammation and cancer</i> Chair: Daniela Krause	Festsaal Casino
09.00-09.20	Andrea Ablasser EPFL Laussane, CH Cyclic dinucleotide-mediate innate immunity: Basic mechanisms & translational implications	L43
09.25-09.45	Henning Walczak University of Cologne, DE Non-canonical ubiquitination in cell death, inflammation and immunity	L44
09.50-10.10	Claudio Joazeiro ZMBH Heidelberg, DE A modifier of neurodegeneration caused by defective protein quality control	L45

10.15-10.30	Lina Herhaus Helmholtz Centre for Infection Research, DE Unveiling IRGQ as a novel immune-mediator of pathogen restriction	L46
10.35-11.05	<i>Coffee break</i>	Foyer
Chair: Volker Dötsch		
11.05-11.25	Florian Basserman TU Munich, DE Elevated BCMA expression via proteasomal inhibition enhances and restores CAR T-Cell efficacy in multiple myeloma	L47
11.30-11.50	Gerry Melino Tor Vergata University of Rome, IT Fructose metabolism promotes cancer progression, contributing to the Warburg effect	L48
11.55-12.15	Ana Garcia-Saez Max Planck Institute of Biophysics, DE Shedding light on mitochondrial pores in apoptosis	L49
12.20-12.35	Lisa Frankel Danish Cancer Institute, DK E3 ligase-mediated regulation of autophagy impacts liver homeostasis and cancer metastasis	L50
12.40-13.25	Keynote lecture Vishva Dixit Genentech, US Road to death: one-way street or caspase detour to redemption?	K2
13.30-13.50	Closing remarks & farewell	
13.50	<i>Lunch</i>	Foyer

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