

Autophagy: From Model Systems to Therapeutic Opportunities (B2)

Scientific Organizers: Vojo Deretic, Li Yu and Leon O. Murphy

February 17–21, 2019

Eldorado Hotel & Spa, Santa Fe, New Mexico, USA

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DEADLINES:

**All deadlines end at 11:59 PM US Mountain Standard Time*

Scholarship Deadline: Oct 23, 2018 [\[details\]](#)

Discounted Abstract Deadline: Oct 23, 2018 [\[details\]](#)

Abstract Deadline: Nov 15, 2018 [\[details\]](#)

Discounted Registration Deadline: Dec 13, 2018 [\[details\]](#)

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No registration fees are used to fund entertainment or alcohol at this conference

Conference Program [Print](#) | [View meeting in 12 hr \(am/pm\) time](#)

The meeting will begin on Sunday, February 17 with registration from 16:00 to 20:00 and a welcome mixer from 18:00 to 20:00. Conference events conclude on Thursday, February 21 with a closing plenary session from 17:00 to 19:15, followed by a social hour and entertainment. We recommend return travel on Friday, February 22 in order to fully experience the meeting.

SUNDAY, FEBRUARY 17

16:00–20:00	Arrival and Registration	Cava Santa Fe
18:00–20:00	Welcome Mixer	Cava Santa Fe
No registration fees are used to fund alcohol served at this function.		

MONDAY, FEBRUARY 18

07:00–08:00	Breakfast	Cava Santa Fe
07:30–08:00	Poster Setup	Eldorado B
08:00–19:00	Poster Viewing	Eldorado B
08:00–09:00	Welcome and Keynote Address	Eldorado A
Registered attendees can view abstracts starting on 01/17/2019		
Beth Levine, University of Texas Southwestern Medical Center, USA <i>Autophagy - A View from Mammalian and Metazoan Studies</i>		
09:00–11:15	Autophagy Fundamentals	Eldorado A
Registered attendees can view abstracts starting on 01/17/2019		
* Anne Simonsen, University of Oslo, Norway		
* Patrice Codogno, INSERM, France		

David C. Rubinsztein, Cambridge Institute for Medical Research, UK
Depletion of Acetyl-Coenzyme A by starvation inhibits mTORC1 pathway via EP300

Coffee Break

Terje Johansen, Institute of Medical Biology, Norway
Selective Autophagy Mediated by Both Sequestosome 1/p62-Like Receptors and Mitophagy Receptors

J. Wade Harper, Harvard Medical School, USA
Mechanisms Underlying Selective Autophagy

Short Talk(s) Chosen from Abstracts

11:15–12:15

Lunch

12:00–14:30

Poster Session 1

[Eldorado B](#)

14:30–16:30

Workshop 1: Structural Biology and Proteomics and Autophagy

[Eldorado A](#)

* **Christian Behrends**, Ludwig Maximilians University München, Germany
Proteomics Studies of Autophagy Systems

* **James H. Hurley**, University of California, Berkeley, USA
Structural Studies of Autophagy Systems

Short Talks Chosen from Abstracts

16:30–17:00

Coffee Available

[Concourse](#)

17:00–19:00

mTOR, AMPK, TFEB - Relationship to Autophagy and Other Pathways

[Eldorado A](#)

[Registered attendees](#) can view abstracts starting on 01/17/2019

* **Patricia Boya**, Centro de Investigaciones Biológicas, CSIC, Spain

Roberto Zoncu, University of California, Berkeley, USA
Lysosomal mTORC1 Signaling

Wei Liu, Zhejiang University, China
Regulation of Energy Deprivation-Induced Autophagy

Reuben J. Shaw, The Salk Institute for Biological Studies, USA
AMPK Restores Metabolic Homeostasis via Autophagy

Short Talk(s) Chosen from Abstracts

19:00

On Own for Dinner

TUESDAY, FEBRUARY 19

07:00–08:00

Breakfast

[Cava Santa Fe](#)

08:00–11:00

Membrane Trafficking and its Role in Autophagy

[Eldorado A](#)

[Registered attendees](#) can view abstracts starting on 01/17/2019

* **Fulvio Reggiori**, University Medical Centre Groningen, Netherlands

Ivan Dikic, Goethe University Medical School, Germany
Crossovers between Ubiquitin-directed Autophagy and GTPase Regulated Trafficking

Noboru Mizushima, University of Tokyo, Japan
Evolution of the ATG12 Conjugation System

Coffee Break

Felix Randow, Medical Research Council, UK
Autophagy in Cell-Autonomous Immunity

Li Yu, Tsinghua University, China
Phase Transition in Autophagy

Short Talk(s) Chosen from Abstracts

11:00–17:00	On Own for Lunch	
11:00–13:00	Poster Setup	Eldorado B
13:00–22:00	Poster Viewing	Eldorado B
16:30–17:00	Coffee Available	Concourse
17:00–19:00	Autophagy Regulation and Processes Registered attendees can view abstracts starting on 01/17/2019	Eldorado A
	* Maria Ines Vaccaro, University of Buenos Aires, Argentina * Qing Zhong, University of Texas Southwestern Medical Center, USA Sharon A. Tooze, Francis Crick Institute, UK <i>Trafficking and Effectors in Autophagy</i> Ana Maria Cuervo, Albert Einstein College of Medicine, USA <i>Different Forms of Autophagy</i> Vojo Deretic, University of New Mexico Health Sciences Center, USA <i>Autophagy Regulation by Galectins During Membrane Damage Homeostasis</i>	
	Short Talk(s) Chosen from Abstracts	
19:00–20:00	Social Hour with Lite Bites No registration fees are used to fund alcohol served at this function.	Cava Santa Fe
19:30–22:00	Poster Session 2	Eldorado B

WEDNESDAY, FEBRUARY 20

07:00–08:00	Breakfast	Cava Santa Fe
08:00–11:00	Autophagy, Proteostasis and Organellar Homeostasis Registered attendees can view abstracts starting on 01/17/2019	Eldorado A
	* Eeva-Liisa Eskelinen, University of Turku, Finland Kevin M. Ryan, Beatson Institute for Cancer Research, UK <i>Autophagy in Tissue Growth and Tumor Development</i> Jennifer A. Lippincott-Schwartz, Howard Hughes Medical Institute - Janelia Farm, USA <i>Autophagy and Lipid Droplets</i> Coffee Break Tamotsu Yoshimori, Osaka University, Japan <i>Autophagy in Lysosomal, Endosomal and Phagosomal Homeostasis</i> Anastasia Henry, Denali Therapeutics, USA <i>The role of leucine-rich repeat kinase 2 (LRRK2) in regulating endo-lysosomal function</i>	
	Short Talk(s) Chosen from Abstracts	
11:00–17:00	On Own for Lunch	
11:00–13:00	Poster Setup	Eldorado B
13:00–22:00	Poster Viewing	Eldorado B
14:30–16:30	Panel: Women in Science at All Career Stages	Eldorado A
16:30–17:00	Coffee Available	Concourse
17:00–19:00	Autophagy in Aging, Degenerative, and Inflammatory Disease Registered attendees can view abstracts starting on 01/17/2019	Eldorado A

* **Jennifer Martinez**, NIEHS, National Institutes of Health, USA

* **Phyllis I. Hanson**, Washington University School of Medicine, USA

Malene Hansen, Sanford Burnham Prebys Medical Discovery Institute, USA
Regulation of Autophagy in Aging and Disease

Mondira Kundu, St. Jude Children's Hospital, USA
ULK/Atg1 Function: From Development to Disease

Herbert (Skip) W. Virgin, Vir Biotechnology, USA
Autophagy in Inflammation and Immunity

Short Talk(s) Chosen from Abstracts

19:00–20:00

Social Hour with Lite Bites

[Cava Santa Fe](#)

No registration fees are used to fund alcohol served at this function.

19:30–22:00

Poster Session 3

[Eldorado B](#)

THURSDAY, FEBRUARY 21

07:00–08:00

Breakfast

[Cava Santa Fe](#)

08:00–11:00

Autophagy in Metabolism, Growth Control and Cancer

[Eldorado A](#)

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* **Devrim Gozuacik**, Sabanci University, Turkey

Eileen P. White, Rutgers University, USA
Cancer Metabolism and Autophagy

Tor Erik Rusten, Oslo University Hospital, Norway
Autophagy and Cancer: What Flies Tell Us

Coffee Break

Beat Nyfeler, Novartis Institutes for BioMedical Research, Switzerland
VP534 and Autolysosomal Regulation

Jayanta Debnath, University of California, San Francisco, USA
Autophagy and Metastatic Colonization

Short Talk(s) Chosen from Abstracts

11:00–17:00

On Own for Lunch

14:30–16:30

Workshop 2: Current Controversies

[Eldorado A](#)

* **Michael Lazarou**, Monash University, Australia
Function of Mammalian Atg8s (LC3s and GABARAPs) in Autophagy: New Insights and Controversies

Short Talks Chosen from Abstracts

16:30–17:00

Coffee Available

[Concourse](#)

17:00–18:45

Autophagy from Model Systems to Humans - Closing the Circle

[Eldorado A](#)

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* **Quan Chen**, Nankai University, China

* **Zvulun Elazar**, Weizmann Institute of Science, Israel

Hong Zhang, Chinese Academy of Sciences, China
*Autophagy in *C. elegans**

Eric H. Baehrecke, UMass Medical School, USA
Discovery of Novel Regulators of Autophagy in Animals

Andrew M. Thorburn, University of Colorado AMC, USA
Autophagy in Humans: Translational Oncology

Short Talk Chosen from Abstracts

18:45–19:15

Meeting Wrap-Up: Outcomes and Future Directions[Eldorado A](#)[Registered attendees](#) can view abstracts starting on 01/17/2019

19:15–20:15

Social Hour with Lite Bites[Cava Santa Fe](#)

No registration fees are used to fund alcohol served at this function.

20:00–23:00

Entertainment[Cava Santa Fe](#)

Entertainment is not subsidized by conference registration fees nor any U.S. federal government grants. Funding for this expense is provided by other revenue sources.

FRIDAY, FEBRUARY 22

Departure

*Session Chair †Invited, not yet responded.

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