

EMBO Workshop

meetings.embo.org/event/17-mito-quality

Mitochondrial quality control

2 – 5 July 2017 | Xi'an China

ORGANIZER

Quan Chen
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CO-ORGANIZERS

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REGISTRATION

Application and abstract deadline

30 April 2017

Student/Postdoc fee350 EUR

Academic fee450 EUR

Industry fee.....1000 EUR

CONTACT

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SPEAKERS

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NIH, US

Elzbieta Glaser
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Min Guo
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The Vita-Salute San Raffaele University, IT

Chris Meisinger
University of Freiburg, DE

Koji Okamoto
Osaka University, JP

Elena I. Rugarli
University of Cologne, DE

Luca Scorrano
University of Padua, IT

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NIH, US

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Boston University, US

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Wuhan University, CN

Carolyn Suzuki
UMDNJ, US

Nektarios Tavernarakis
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Aleksandra Trifunovic
University of Cologne, DE

Xiaodong Wang
NIBS, CN

Luke Wiseman
TSRI, US

Li Yu
Tsinghua University, US

Massimo Zeviani
MRC, UK



Programme

Day 1 – 2 July 2017

- 14:00 – 18:00 Registration
- 18:00 – 19:30 Welcome reception
- 19:30 – 20:15 Keynote speech: Mitophagy in the heart
Gerald W. Dorn
- 20:15 – 21:00 Keynote speech: Mitochondria and apoptosis
Xiaodong Wang
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Day 2 – 3 July 2017

- 08:30 – 08:40 Opening remarks
- Session 1: Mitophagy**
- 08:40 – 09:10 Detection and manipulation of in vivo mitophagy
Toren Finkel
- 09:10 – 09:40 Multiple pathways and their crosstalk regulating mitochondria-specific
Koji Okamoto
- 09:40 – 10:10 2 short talks from selected abstracts
- 10:10 – 10:40 Coffee break
- 10:40 – 11:10 FUNDC1 in mitophagy
Quan Chen
- 11:10 – 11:40 Mitophagy / dynamics and diabetes
Orian Shirihai
- 11:40 – 12:10 2 short talks from selected abstracts
- 12:10 – 12:30 Lunch seminar

Lunch

13:30 – 15:30 Poster session

15:30 – 15:55 Coffee break

Session 2: Ubiquitin and mitochondrial quality control

16:00 – 16:30 UPS-dependent degradation of mitochondrial precursor proteins

Agnieszka Chacinska

16:30 – 17:00 Molecular pathways of mitochondrial outer membrane protein degradation

Hui Jiang

17:00– 17:30 The PINK1/Parkin pathway in Drosophila

Min Guo

17:30– 18:00 2 short talks from selected abstracts

18:15– 20:00 Dinner and leisure activity

Day 3 – 4 July 2017**Session 3: Mitochondrial proteases and stress responses**

08:30 – 09:00 Stress-regulation of mitochondrial proteases

Luke Wiseman

09:00 – 09:30 Mitochondrial stress

Jiangkang Liu

09:30 – 10:00 2 short talks from selected abstracts

Coffee break

10:30 – 11:00 Mic19 is a critical mediator of mitochondrial membrane contact

Zhiying Song

11:00 – 11:30 Stress-activation of PARL

Shiori Sekine

11:30 – 12:00 ClpP, mtUPR

Aleksandra Trifunovic

12:00 – 12:30 Lon protease and mitochondrial genome stability

Carolyn Suzuki

12:30 – 14:00 Lunch

14:00 – 18:30 Leisure time and visiting of the Terra Cotta Museum

18:45– 22:00 Night show and Beer time

Day 4 – 5 July 2017**Session 4: Mitochondrial biogenesis**08:30 – 09:00 The mitochondrial presequence processing machinery
in health and disease**Chris Meisinger**

09:00 – 09:30 AFG3L2 in ataxia

Francesca Maltecca

09:30 – 10:00 2 short talks from selected abstracts

10:00 – 10:30 Coffee break

10:30 – 11:00 Post-transcriptional regulation of mitochondrial
biogenesis**Elena I. Rugarli**11:00 – 11:30 Coupling mitophagy and mitochondrial biogenesis with
neurodegeneration**Nektarios Tavernarakis**

12:00 – 12:30 2 short talks from selected abstracts

12:30 – 14:00 Lunch

Session 5: Mitochondrial dynamics, quality control and disease

14:00 – 14:30 Keeping mitochondria in shape: a matter of life and death

Luca Scorrano

14:30 – 15:00 Mechanism removing damaged mitochondria from axons: Impact on

Zuhang Sheng

15:00 – 15:30 Dynamic tubulation of mitochondria drives mitochondrial network formation

Li Yu

15:30 – 16:00 Coffee break

Session 6: Mitochondrial quality control and disease

16:00 – 16:30 Mitochondrial diseases

Massimo Zeviani

16:30 – 17:00 Mitochondrial dynamics

David Chan

17:00 – 17:30 Proteolytic control of mitochondrial function

Thomas Langer

17:30 – 18:00 Panel discussion and closing remarks

18:15 – 20:00 Dinner

Contact

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