

# J-Mit2024 WS



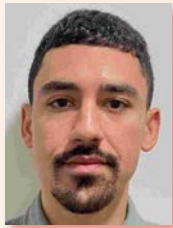
International Satellite Workshop by Early Career Investigators  
for Mitochondrial Research and Medicine

Dates: Wednesday, November 20

Place: 1F Conference Room / Building A (No. 7) | Juntendo University, Graduate School of Medicine

## Speakers

Organizer: **Koji Okamoto** (Osaka University, Suita, Japan)



**Andre Elias Djalalvandi**  
University of Padova

Opantimirs, a class of antagonizing microRNAs that upregulate Opa1 levels, improve mitochondrial and disuse myopathies



**Soni Deshwal**  
Max Planck Institute for  
Biology of Ageing

Mitochondria at the crossroads of metabolism and ferroptosis



**Daisuke Shimura**  
University of Utah

Fission as a new pathway for mitochondrial protection



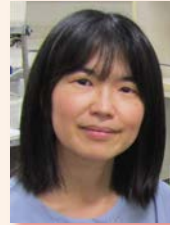
**Hijiri Oshio**  
Gakushuin University

Regulation of heme-derived iron supply to mitochondria via MERCs



**Masafumi Noguchi**  
Wakayama Medical  
University

OPA1 as a key mitochondrial factor in airway stem cell regulation



**Taeko Sasaki**  
Gunma University

Live imaging reveals the dynamics and regulation of selective autophagy of paternal organelles



**Mashun Onishi**  
Max Planck Institute for  
Biology of Ageing

A guardian against ferroptosis: the stress relay system in impaired mitochondrial proteostasis



**Shiori Akabane**  
Rikkyo University,  
Kyoto Sangyo University

Stress-induced activation of the PINK1/Parkin-mediated pathway



**Shun Nagashima**  
Tokyo University of  
Pharmacy and Life Sciences

Regulation of brown adipocyte differentiation independent of mitochondrial fusion activity by MFNs



**Saori Shinoda**  
The University of Tokyo

Discovery of spatio-temporal dynamics of mitochondrially-imported RNA (mitoPORT RNA)

第23回 日本ミトコンドリア学会年会  
The 23rd Conference of Japanese Society of Mitochondrial Research and Medicine  
2024 11.21(木)~11.23(土)  
順天堂大学 本郷キャンパス 〒113-8421 東京都文京区本郷2-1-1  
岡崎 康司 順天堂大学 腫瘍の診断と治療研究センター センター長  
大学院医学研究科腫瘍性疾患診療・治療学 教授



一般社団法人

日本ミトコンドリア学会

The Japanese Society of Mitochondrial Research and Medicine



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## International Satellite Workshop by Early Career Investigators for Mitochondrial Research and Medicine

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### Program

Organizer: **Koji Okamoto** (Osaka University, Suita, Japan)

**Session I** Discussion Leader: **Koji Okamoto** (Osaka U, Suita, Japan)

**13:00-13:30 Andre Elias Djalalvandi** (U Padova, Padova, Italy)

*Opaoptimirs, a class of antagonizing microRNAs that upregulate Opa1 levels, improve mitochondrial and disuse myopathies*

**13:30-14:00 Soni Deshwal** (Max Planck Institute, Cologne, Germany)

*Mitochondria at the crossroads of metabolism and ferroptosis*

**14:00-14:20** Coffee/Tea Break 1

**Session II** Discussion Leader: **Andre Elias Djalalvandi** (U Padova, Padova, Italy)

**14:20-14:40 Daisuke Shimura** (U Utah, Salt Lake City, USA)

*Fission as a new pathway for mitochondrial protection*

**14:40-15:00 Hijiri Oshio** (Gakushuin U, Tokyo, Japan)

*Regulation of heme-derived iron supply to mitochondria via MERCs*

**15:00-15:20 Masafumi Noguchi** (Wakayama Medical U, Wakayama, Japan)

*OPA1 as a key mitochondrial factor in airway stem cell regulation*

**15:20-15:40** Coffee/Tea Break 2

**Session III** Discussion Leader: **Soni Deshwal** (Max Planck Institute, Cologne, Germany)

**15:40-16:00 Taeko Sasaki** (Gunma U, Maebashi, Japan)

*Live imaging reveals the dynamics and regulation of selective autophagy of paternal organelles*

**16:00-16:20 Mashun Onishi** (Max Planck Institute, Cologne, Germany)

*A guardian against ferroptosis: the stress relay system in impaired mitochondrial proteostasis*

**16:20-16:40** Coffee/Tea Break 3

**Session IV** Discussion Leader: **Taeko Sasaki** (Gunma U, Maebashi, Japan)

**16:40-17:00 Shiori Akabane** (Rikkyo U, Tokyo; Kyoto Sangyo U, Kyoto, Japan)

*Stress-induced activation of the PINK1/Parkin-mediated pathway*

**17:00-17:20 Shun Nagashima** (Tokyo University of Pharmacy and Life Sciences, Tokyo, Japan)

*Regulation of brown adipocyte differentiation independent of mitochondrial fusion activity by MFNs*

**17:20-17:40 Saori Shinoda** (U Tokyo, Tokyo, Japan)

*Discovery of spatio-temporal dynamics of mitochondrially-imported RNA (mitoPORT RNA)*

**17:40-17:50** Closing Remarks by **Koji Okamoto** (Osaka U, Suita, Japan)