

Parkinson's Disease: Energy, Lifestyle, Pigmentation, and the Road Ahead

A Symposium Organized by Researchers of Fujita Health University and Harvard Medical School

Date: Sunday, September 13

Format: Open Symposium

Program

9:00–9:25

Welcome and Registration

Coffee and cakes will be served.

9:25

MC Welcome, Housekeeping, and Introduction of Dr. Kozo Kaibuchi

9:30–9:40

Opening Remarks

Dr. Kozo Kaibuchi

Director of the International Center for Brain Science, Fujita Health University

Session 1

Parkinson's Disease and Energy Metabolism: Lessons from the Clinic and Therapeutic Avenues

Time: 9:40–10:45

Chair: Dr. Taku Nagai

9:40–10:20

1.1 Dr. Hirohisa Watanabe

Department of Neurology, School of Medicine, Fujita Health University

Title:

A Phase Ib Trial of Combined Febuxostat and Inosine Therapy in Patients with Parkinson's Disease (iFRESH-PD): Translating Bioenergetic Insights into Therapy

10:20–10:45

1.2 Dr. Yasuaki Mizutani

Department of Neurology, School of Medicine, Fujita Health University

Title:

Adaptive and Reorganized Bioenergetics in Parkinson's Disease: Toward Mechanism-Based Therapeutics

10:45–10:55

Coffee Break

Session 2**Animal Models in Parkinson's Disease for New Therapeutic Approaches**

Time: 10:55–12:15

Chair: Dr. Hisatsugu Koshimizu

10:55–11:25

2.1 Dr. Mitsutoshi Setou

Institute of Photonics Medicine, Hamamatsu University School of Medicine

Title:

To be confirmed.

11:25–11:50

2.2 Dr. Hiromi Sano

Division of Molecular and Systems Neuropathophysiology, Fujita Health University

Title:

To be confirmed.

11:50–12:15

2.3 Dr. Akihiro Mouri

Department of Regulatory Science, Fujita Health University

Title:

To be confirmed.

12:15–13:00

Lunch & Group Photo

Obento lunch boxes and free time. Cultural entertainment may be provided.

Session 3

The Future of Parkinson's Disease Clinical Trials

Time: 13:00–13:45

Chair: Dr. Hirohisa Watanabe

Department of Neurology, School of Medicine, Fujita Health University

13:00–13:45

3.1 Dr. Michael Schwarzschild

Department of Neurology, Massachusetts General Hospital and Harvard Medical School

Title:

The Future of Parkinson's Disease Clinical Trials: The SURE-PD Trial and General Considerations

Session 4

Parkinson's Disease and Pigmentation: Lessons on Vulnerability

Time: 13:45–15:00

Chairs: Dr. Xiqun Chen and Dr. Shosuke Ito

13:45–14:30

4.1 Dr. Xiqun Chen

Department of Neurology, Massachusetts General Hospital and Harvard Medical School

Title:

Melanoma-Linked MC1R Signaling in Parkinson's Disease: Biology, Risk, and Progression

14:30–15:00

4.2 Dr. Shosuke Ito

Institute for Melanin Chemistry, Fujita Health University

Title:

Chemical Characterization of Neuromelanin in Comparison with Peripheral Melanin

15:00–15:10

Coffee Break

Session 5

New Biomarkers for Predicting Parkinson's Disease Risk and Progression

Time: 15:10–16:30

Chair: Dr. Kazuya Kawabata, Division of Brain Thera Informatics, Fujita Health University

15:10–15:35

5.1 Mr. Jackson G. Schumacher

Department of Neurology, Massachusetts General Hospital and Harvard Medical School

Title:

α -Synuclein Seed Amplification Assays in Parkinson's Disease: Background, Diagnostic and Prognostic Capabilities, and Cross-Strain/Species Considerations

15:35–16:00

5.2 Dr. Keita Hiraga

Department of Neurology, Nagoya University

Title:

To be confirmed.

16:00–16:30

5.3 Dr. Sou Nobukawa

Department of Computer Science, Chiba Institute of Technology

Title:

To be confirmed.

Closing of the Symposium

16:30–16:32

Introduction of Professor Emeritus Dr. Toshiharu Nagatsu

Dr. Johannes M. Dijkstra

16:33–16:40

Closing Remarks

Dr. Toshiharu Nagatsu

16:40

MC Symposium Close

Important note: The venue must be restored to its original condition and vacated by **17:00.**

Evening Program

From 17:00

Transfer to Restaurant Canalia

<https://canalia.jp/>