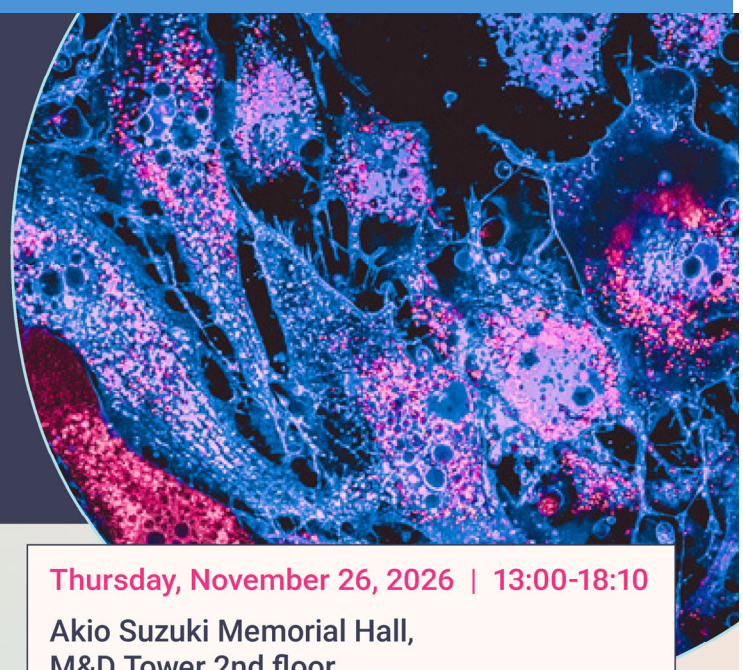
Institute of Science Tokyo

Graduate School Seminar

Part 93

第 93 回　大学院医歯学総合研究科　大学院セミナー

医歯理工学専攻、医歯理工保健学専攻科目「医歯理工学先端研究特論」【3003】
医歯学系専攻、医歯学専攻科目「医歯学総合特論」【8601】
生命理工医療科学専攻科目「生命理工医療科学先端研究特論」【6201】



24th
Surugadai International Symposium

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1st
CURE International Symposium
on Multilayered Stress Diseases

JOINT SYMPOSIUM

From Mechanosensing to Stress Responses: Deciphering Biological Regulation Across Molecular, Cellular, and Organismal Scales

Thursday, November 26, 2026 | 13:00-18:10

Akio Suzuki Memorial Hall,
M&D Tower 2nd floor,
Institute of Science Tokyo

1-5-45 Yushima, Bunkyo-ku, Tokyo, Japan

13:00—13:05 OPENING REMARKS
Dr. Takehiko Sasaki *(Director, Medical Research Laboratory, Institute of Science Tokyo)*
Moderated by Dr. Fumika Koyano *(Institute of Science Tokyo)*

13:05—15:20 SESSION 1
Chaired by Drs. Katsumori Segawa
and Toshiro Moroishi *(Institute of Science Tokyo)*

13:05—13:50 KEYNOTE LECTURE 1
Structural Choreography and Mechanogating of PIEZO Channels
Dr. Bailong Xiao *(Tsinghua University)*

13:50—14:20 TALK 1
Activation Mechanisms of TMEM63B, a Mechanosensitive Lipid Scramblase
Dr. Yugo Miyata *(Institute of Science Tokyo)*

14:20—14:50 TALK 2
Dynamic Tissue Mechanics across Life Stages
Dr. Fumiko Toyoshima *(Institute of Science Tokyo)*

14:50—15:20 TALK 3
Born to Move: Mechanotransduction and the Biology of Athletic Giftedness
Dr. Hiroshi Asahara *(Institute of Science Tokyo)*

15:20—15:50 COFFEE BREAK

15:50—18:05 SESSION 2
Chaired by Drs. Shusaku Uchida
and Hiroki Shiwaku *(Institute of Science Tokyo)*

15:50—16:35 KEYNOTE LECTURE 2
From Pecking Order to Ketamine: Neural Mechanism of Emotion and Social Behavior
Dr. Hailan Hu *(Zhejiang University School of Medicine)*

16:35—17:05 TALK 4
Neuro-Immuno-Metabolic Mechanisms of Stress in Mental Illness
Dr. Tomoyuki Furuyashiki *(Institute of Science Tokyo)*

17:05—17:35 TALK 5
Sustaining Microglial Reparative Function Enhances Stroke Recovery
Dr. Jun Tsuyama *(Institute of Science Tokyo)*

17:35—18:05 TALK 6
The Channel Synapse: From Discovery to Biological Function
Dr. Akiyuki Taruno *(Kyoto University)*

18:05—18:10 CLOSING REMARKS
Dr. Katsumori Segawa *(Institute of Science Tokyo)*

Jointly organized by: The 24th Surugadai International Symposium Organizing Committee and the CURE Multilayered Stress Diseases
CURE: Coalition of Universities for Research Excellence Program, MEXT Promotion of Development of a Joint Usage/Research System Project

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受講者は出席票に必ず記入し、セミナー後【出席確認欄】へ所属分野長より押印をいただいてください。

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