



HIBERNATION
BIOLOGY 2.0



FY2023 Transformative Research Areas (A)



Hibernation Biology 2.0

Understanding regulated hypometabolism and its function



Kick-off Symposium & Explanatory Meeting for Call for Research Proposals

<https://hibernationbiology.jp>



Mon., **July 24th**
13:00 – 16:00
Webinar format



<https://u-tokyo-ac-jp.zoom.us/j/87123648424?pwd=UTc1aUFaRnJyZzIMRE9BTnVKa2syZz09>

13:00–

Kick-off Symposium (English)
Research Area Briefing
Prof. Yoshifumi Yamaguchi (Area Representative)

1st session: Research Introduction

Yoshifumi Yamaguchi Hokkaido University, Institute of Low Temperature Science (ILTS)
Takeshi Sakurai Tsukuba University International Institute for Integrative Sleep Medicine (IIS)
Genshiro Sunagawa RIKEN, Biosystems Dynamics Research (BDR)

2nd session: Introduction to Core Research Projects

A01-1 Exploring the molecular mechanisms to achieve hibernation
Yoshifumi Yamaguchi & Masatomo Watanabe

A01-2 Exploring the operating principle of topor and hibernation
Takeshi Sakurai & Genshiro Sunagawa

A01-3 Regulation of the tissue remodeling to support triggering of hibernation
Yuko Okamatsu & Akari Yamauchi

A02-1 The molecular mechanisms of cold responses
Naohiro Kon, Ryosuke Enoki, & Makoto Tominaga

A02-2 Cold brain dynamics
Kazumasa Z. Tanaka & Arisa Hirano

A03-1 Genetic and neuronal manipulation technologies to support hibernation research
Hiroshi Kiyonari & Kazunari Miyamichi

A03-2 Transomics analysis of hibernation and topor
Shinya Kuroda & Tomoyoshi Soga

15:10–

Recruitment Briefing (Japanese)
Yoshifumi Yamaguchi (Area Representative)
Q & A session

Contact

Hibernation Biology 2.0
HibernationBiology@nips.ac.jp