

The 23rd International Symposium on Integrated Field Science

Environmental Adaptation for Microorganisms

Date: March 3, 2026 (10:30–17:30)

Venue: Lecture Hall (Suisei Hall) in Aobayama Commons, Tohoku University

Online registration: <https://forms.gle/bdaXaRAHhZeQH6Kr9>

Abstract submission deadline: **February 24, 2026**

Registration fee: **Free**

Program

10:00–10:30 Registration

10:30–10:35 Opening Remarks

by **Mizuhiko Nishida** (Graduate School of Agricultural Science, Tohoku University)

10:35–10:45 Introduction

by **Kentaro Kato** (Graduate School of Agricultural Science, Tohoku University)

10:45–11:15 Epidemiological studies on tick-borne zoonotic diseases in China

by **Xuenan Xuan** (The Institute of Medical Sciences, The University of Tokyo)

11:15–11:50 Poster Flash Talks

-- Lunch Break --

13:00–13:30 Molecular basis of chronic infection by *Toxoplasma gondii*

by **Tatsuki Sugi** (International Institute for Zoonosis Control, Hokkaido University)

13:30–14:00 Rapid adaptation of jumbophages to family-wide plant-pathogenic bacterial hosts through genetic and epigenetic changes

by **Shuhei Miyashita** (Graduate School of Agricultural Science, Tohoku University)

14:00–14:30 Role of microgravity on infection mechanism and host cells

by **Kentaro Kato** (Graduate School of Agricultural Science, Tohoku University)

-- Short Break --

14:40–15:10 Exploration of Space Medicine: Health and Life Science Research in Space

by **Hiroki Bochimoto** (The Jikei University School of Medicine)

15:10–15:40 Plant Responses to Space Stress Environments and Challenges in Crop Cultivation

by **Jun Hidema** (Research Center for Space Agriculture and Horticulture, Chiba University)

15:40–16:15 General Discussion and Closing

16:15–17:30 Poster Session (with PICS Research Presentations)

Organizer: Integrated Terrestrial Field Station, Graduate School of Agricultural Science, Tohoku University

Co-sponsorship: Project of Integrated Compost Science (PICS)

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