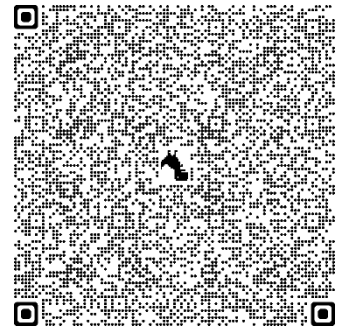


## Thematic Session: Brain, Ageing and Society

Tetsumon Clinical Lecture Hall (Upper floor, South Research Building, U Tokyo Hospital)

Google Map: <https://shorturl.at/BjxrH>



**Monday September 29, 2025**

**13.00-15.00**

Intro by Haruhiko Bito, UT

### **Session 1: Life trajectory in Health and Disease (Chair: Katsuya Iijima, UT)**

**(In-person only) 25+5 min**

1. Per Nilsson, KI;  
“Autophagy and Alzheimer’s – potential for treatment”
2. Shisuke Koike, University Hospital, UT;  
“Understanding neuropsychiatric disorders: etiology and biomarkers”
3. Hugo Westerlund, SU;  
“Working Longer and Happier in Early Old Age? Ikigai, and how Sweden and Japan could learn from each other”
4. Katsuya Iijima, Institute of Gerontology, U-Tokyo;  
“Challenge of “Community Redesign” toward healthy aging and inclusive society with well-being”.

**15.00-15.30** Coffee break

### **15.30-17.30 Session 2: From metrics of well-being to disease biomarkers**

(Chair: Håkan Fischer, SU)

**(Hybrid) Short talks 10+5 min**

<https://u-tokyo-ac-jp.zoom.us/j/85028450231?pwd=EywjYlaQDMLEthz3MYorsJVw7iJaXi.1>

Meeting ID: 850 2845 0231

Passcode: 103321



15.30 Eva Hedlund, SU;

“Building human neuromuscular assembloids of distinct axial levels”

15.45 Yusuke Koseki, U-Tokyo;

”A Preliminary Study on the Use of Avatars to Promote Older Adults’ Participation in Work and Community Activities”

16.00 Hui-Xin Wang, SU:

”Psychosocial and Lifestyle Influences on Brain and Cognitive Aging”

- 16.15 Weida Lyu, U-Tokyo;  
"Resident-Led Models for Frailty Prevention and Healthy Aging in Japan: from Research to Action"
- 16.30 Erika Jonsson Laukka, KI;  
"Cognitive and olfactory deficits as early markers of dementia"
- 16.45 Aoi Nakane, U-Tokyo;  
"Living with a Hand: A Minimalist Companion Robot Integrating Full-Body Functionality".
- 17.00 Ingrid Ekström, KI;  
"Olfaction as a Window into Brain Aging and Systemic Vulnerabilities?"
- 17.15 Bo-Kyung Son, U-Tokyo;  
"Ikigai concept in Japan and Gender-specific research."

**18.00 pm. Dinner**

**Tuesday September 30**

**Session 3. Mechanisms and Models of Cognition and its Disorders**

**(Chair: Haruhiko Bito, UT)**

**(In-person only) 20+5 min**

**9.00-10.15**

1. Taisuke Tomita, UT;  
"Alzheimer's disease"
2. Pawel Herman, KTH;  
"Neural network models of memory and cognition – from mechanisms to clinical perspective"
3. Håkan Fischer, SU;  
"Aging and social interaction: Are there cultural and brain activation differences between Sweden and Japan?"

**10.15-10.30** Coffee break

**10:30-11:45**

4. Haruhiko Bito, UT;  
"How are memories tagged to synapses?"
5. Gregoria Kalpouzou, KI;  
"Brain iron accumulation in normal aging and in early stages of Alzheimer's disease"
6. Sandra Blomqvist, SU;  
"Securing Work and Health: -Policy Pathways in Times of Uncertainty and the Need for Empirical Evidence"

**12.00-13.30** Horizon Luncheon

**13.30-14.15** Horizon info and discussion for joint grants