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AN DER UNIVERSITÄT ZÜRICH



Japan Lecture Series

Prof. Dr. Shinya Yamanaka

Nobel Prize laureate Kyoto University, Founder & Director Emeritus of Center for iPS Cell Research and Application

«Recent Progress in iPS Cell Research and Application»

Friday, 16 September 2022

18.30 - 19.45

University of Zurich, Rämistrasse 71
Aula Magna KOL-G-201

In cooperation with:



**University of
Zurich** ^{UZH}



Schweizerisch-Japanische Gesellschaft
Swiss-Japanese Society スイス・日本協会



SJCC Swiss-Japanese Chamber of Commerce
スイス日本商工会議所

Free entrance. No registration required.



Prof. Dr. Shinya Yamanaka discovered the phenomenon of initialization of mature cells by introducing a few factors into somatic cells, which enabled the cells to acquire pluripotency. The new type of pluripotent cells are called induced pluripotent stem (iPS) cells. He announced mouse iPS cells in 2006 and human iPS cells in 2007. This discovery was a scientific breakthrough and brought with it high expectations for clinical applications such as regenerative medicine and drug discovery to establish new treatments for intractable diseases. In 2012, only 6 years later of this extraordinary discovery, Prof. Yamanaka was awarded the Nobel Prize in Physiology or Medicine. Since 2010, the Center for iPS Cell Research and Application (CiRA) at Kyoto University is conducting research on stem cell technology, iPS cell-based therapies and industrial applications. Where do we stand today and what results have been achieved in the clinical context? In his talk, Prof. Yamanaka will also present his vision for the next years.

Japan Lecture Series

The Japan Lecture Series is dedicated to topics that concern both Switzerland and Japan. Important personalities from Japan from a wide range of disciplines will give public lectures at the University of Zurich.

The following events, among others, are planned:

Banana Yoshimoto

Japanese writer

Kazuo Ishiguro

Novelist, screenwriter, musician, and short-story writer

Yōko Tawada

Japanese writer