People

Director

Kaoruko Iida (Nutrition metabolism)

Faculty

Yasunori Miyamoto (Neurobiology)
Teikichi Ikura (Biophysics)
Kei Hashimoto (Neurobiology)
Emi Ito (Plant cell science)
Yoko Ito (Plant cell biology)
Yoko Kanbara (Genetic counseling)

Researchers

Kyoko Aikawa (Glycobiology)
Rie Akamatsu (Nutrition education)
Tomohiro Uemura (Plant cell biology)
Noriko Sudo (Nutrition assistance in disasters)
Aya Tanatani (Medicinal chemistry)
Kazuyoshi Chiba (Molecular and developmental biology)
Masayuki Hatta (Biology of the coral)
Hidehiko Miyake (Clinical genetics)
Yasujiro Morimitsu (Functional foods and food chemistry)
Kei Yura (Computational biology)
Ikuyo Ichi (Lipid nutrition)
Rumi Kondo (Population genetics)
Atsuko Sato (Environment, Development and Evolution)
Makoto Shimizu (Molecular nutrition)
Yoko Nitta (Culinary food science)
Kenji Ohgane (Chemical biology)
Masaki Kobayashi (Molecular Metabolism and Basic Nutrition)
Motoko Sasaki (Genetic counseling)
Yoko Sato (Food service management)
Kyoko Noda (Food preservation and processing)
Hiromu Monai (Neurophysiology and biophysics)

Visiting Faculty

Tomoko Ishikawa (Nutritional chemistry)
Yasuhiko Kizuka (Glyco-biochemistry)
Yoko Fujiwara (Nutritional chemistry)
Yoshiki Yamaguchi (Structural glycobiology)
Yang, Suh-Ching (Nutrition)
Mari Gotoh (Lipid biochemistry)
Yuka Toyoshima (Nutritional science)
Mieko Nakamura (Public health)

Visiting Researcher

Kimie Date (Glycoscience)

Research Support Member

Motoko Watanabe (Genetic Counseling)

Project Associate Fellow

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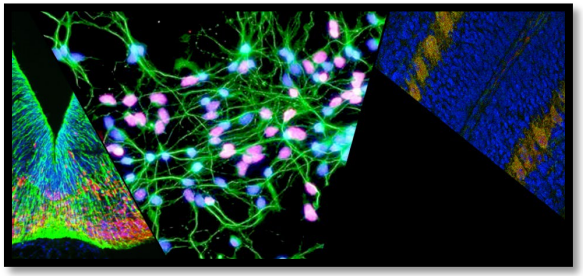

Life innovation for a healthy and active life

—Research and development of Institute for Human Life Science—

http://www-w.cf.ocha.ac.jp/ihli/

About the IHLS

The Institute for Human Life Innovation (IHLI) is organized with the academic faculty at Ochanomizu university, who specializes in biological sciences and human life sciences. It was founded in April 2016, aimed at research and development for people to live healthy lives, as well as innovation for a safe and secure social environment. In April 2022, the name was changed to The Institute for Human Life Science due to organizational restructuring.

To address social issues facing an aging society with fewer children, the IHLS has the following goals:

1. Fostering healthy, vibrant, and active children
2. Improvement of QOL throughout life and elongation of a healthy life-span
3. Achieve a healthy-longevity with QOL maintained

Organization & Research content

The Institute for Human Life Science (former name: The Institute for Human Life Innovation) consists of “Division of Biochemistry and Metabolomics”, “Division of Nutritional Science”, “Division of Food Science”, “Division of Glycoscience”, “Division of Genetics” and “Division of Development and Evolution”. It promotes research focusing on the following keywords.

○Healthy growth

Fostering healthy, vibrant, and active children

For the young generation supporting the future of our country grow healthier, the IHLS promotes the research to propose dietary habits for the healthy growth of mental and physical of children.

○Active daily life

Improvement of QOL and maintenance of health

To make mental and physical health withstand stress and diseases throughout life, the IHLS promotes the research and development for prevention and improvement of inflammation, infection and metabolic syndrome. The IHLS produces education programs for various generations from adolescence to child rearing generation.

○Healthier senior citizens

Achieve a healthy-longevity with QOL maintained

To increase self-management skills of senior citizens, the IHLS supports the development of medical treatment for locomotive syndrome and neurodegenerative disease, and the promotion for appropriate diet and exercise for senior citizens.

○Application and development

Development of pharmaceutical products in collaboration with companies and other research institutions

For a healthy and active life, the IHLS collaborates with companies and promotes the research and development of “Development of pharmaceutical products for osteoarthritis”, “Suppression of inflammation associated with traumatic brain injury and hemorrhagic shock”, and “Prevention of life-style related diseases and development of the foods that contribute to the QOL for elderly people”.

Spreading effect of research results

○ Basic understanding of biological phenomena, creation of novel regulatory strategies and elucidation for biological activities. (Scientific effects)

○ Promotion of healthy-longevity through research and development on policies for overcoming from the stress, lifestyle related diseases and aging. Healthy growth of the child, improvement of QOL, and fruition of active life for the elderly. (Social effects)