

## News release

### **Promoting research into metabolism, nutrition and ageing: NIHS sponsors the Lausanne Integrative Metabolism and Nutrition Alliance.**

**Lausanne, Switzerland – January 18<sup>th</sup>, 2016.** NIHS is expanding its work to promote research into metabolism, nutrition and ageing as the official sponsor of the Lausanne Integrative Metabolism and Nutrition Alliance (LIMNA).

LIMNA is a joint research initiative created by the Faculty of Biology and Medicine of the University of Lausanne (FBM-UNIL), the Swiss Federal Institute of Technology of Lausanne (EPFL), and the University Hospital of Lausanne (CHUV). Its aim is to promote research and education on metabolism, nutrition, ageing and all associated pathologies by arranging scientific seminars and symposia, promoting education on metabolism, and supporting students and young scientists in their research projects.

Metabolic diseases are becoming more prevalent across the world. Conditions such as obesity and diabetes cause long-term complications that increase morbidity and mortality, yet there is very little by way of therapeutic interventions available to prevent or treat these pathologies effectively. The mechanisms underlying their development are still not fully understood. What we do know is that they are progressive and multifactorial diseases involving genetics, nutrition, physical activity and ageing.

Kei Sakamoto is Head of Diabetes and Circadian Rhythms at NIHS and a guest of LIMNA's Direction Committee: "This initiative aims to create synergies between teams working on different research subjects which have metabolism as the common keyword", he explains. "We also aim to promote the translation of fundamental to clinical research and encourage collaboration between the laboratories of these three institutions to create a pole of excellence for research and education on metabolism, nutrition and ageing."

Current LIMNA research initiatives cover a wide range of technologies and scientific disciplines including genomics, genetics, metabolomics, bioinformatics, physiological investigation and biomedical imaging. NIHS has been actively participating and presenting its work at various LIMNA symposia and initiated several collaborations with the laboratories of these three institutions.

Ed Baetge, head of NIHS, adds: "Working with LIMNA opens up a range of opportunities to promote and share information and expertise on metabolism, nutrition and ageing. These are scientific areas where NIHS can significantly contribute to help create a rich research community and game-changing environment."

#### **About NIHS:**

NIHS is a biomedical research institute, part of Nestlé's global R&D network, dedicated to fundamental research aimed at understanding health and disease and developing science-based, targeted nutritional solutions for the maintenance of health. To achieve its aim, NIHS employs state-of-the-art technologies and biological models to characterise health and disease with a holistic and integrated approach. The ultimate goal of the Institute is to develop knowledge that can empower people to better maintain their health through nutritional approaches, especially in relation to their molecular profile and lifestyle status.

<http://www.limna.ch/>