

**UNIVERSITY OF  
LUCERNE**

**FACULTY OF HEALTH SCIENCES  
AND MEDICINE**

**INVITATION TO LECTURE NO. 3**

**SPOTLIGHT GESUNDHEIT –  
FACULTY LECTURES**

**WITH PROF. DR. PHILIPP SCHERER**

**MONDAY, 30 SEPTEMBER 2024  
17.00 – 18.15 | LECTURE HALL 9**

# SPOTLIGHT GESUNDHEIT – FACULTY LECTURES

## LECTURE NO. 3

We are delighted to welcome Prof. Dr. Philipp E. Scherer to the University of Lucerne on September 30, 2024. Philipp Scherer – originally from Lucerne – is Professor and Director of the Touchstone Diabetes Center at the University of Texas Southwestern Medical Center in Dallas. Throughout his career, he has maintained an interest in processes related to cellular and systemic energy regulation, with a special focus on the adipocyte. Dr. Scherer has published more than 500 papers in the areas of diabetes, obesity, cardiorenal disease and obesity-related cancers. He is amongst the 100 most highly cited researchers in biomedical research from 2014–2024 according to Thompson-Reuters.

The title of his presentation is:

### **Fat Tissue – Friend or Foe? Understanding the Impact of Adipose Tissue – and Implications on Public Health**

**There is hardly anyone who has a neutral attitude towards the term “fatty tissue”. But what is less known is the amazing processes that take place in adipocytes and the major role they play as “miniorgans”.**

Obesity is a chronic disease that contributes to the development of insulin resistance, type 2 diabetes (T2D), cardiovascular risk and cancer. The adipocyte has morphed into a cell type whose complexity we only start to appreciate.

Philipp Scherer will give a vivid introduction into fat tissue physiology. He will connect adipose tissue physiology to a number of pathophysiological disease states that we can better understand – bearing the central role of the adipocyte in mind. Finally, he will discuss the effects of excess body weight on public health and the potentially widespread implications of the recently developed incretin drugs that lead to significant weight loss.

**His lecture (in English) will address a broad audience – with background in medicine, health sciences, public health as well as the open public.**

**The event is open to the public and free of charge. After the presentation, there will be an opportunity to chat over drinks and snacks.**

