



### **Fredrik Bäckhed**

Professor  
University of Gothenburg, Sweden

### **Biography**

Professor Fredrik Bäckhed combines clinical oriented research with gnotobiotic mouse models to address the role of the normal gut microbiota in metabolic diseases. Fredrik Bäckhed holds a PhD from Karolinska Institutet, Sweden in 2002 and performed his postdoctoral training at Washington University, St Louis where he identified the gut microbiota as an environmental factor that regulates adiposity and obesity. Dr Bäckhed is professor at University of Gothenburg, Director of the Wallenberg Laboratory ([www.wlab.gu.se](http://www.wlab.gu.se)) for cardiovascular and metabolic research. He is also appointed Professor at University of Copenhagen and has been guest Professor at University of Oslo.

Dr Bäckhed has co-authored >120 research papers in international peer-reviewed journals, many of which are in high- impact journals such as *Nature*, *Science*, *Cell*, and *Proceedings of National Academy of Sciences*. Dr Bäckhed has received several prestigious awards: Chorafas Prize (2003), Ingvar Carlsson Award (2006), Dr Eric K Fernström Foundation's Prize to Young Swedish Scientists (2010), the DPLU/LUDC Nordic Prize for an Outstanding Young Diabetes Investigator (2010) Prince Daniel's award for a young promising researcher (Swedish Heart Lung Foundation; 2013), the DuPont Young Professor Award (2013), and Göran Gustafsson's Prize in Medicine (2014). He has been elected to the Young Academy of Sweden (2011) and The Royal Swedish Academy of Engineering Sciences (2015) and received an ERC consolidator award (2013).

