

## Johan Jendle

### Physical activity and diabetes

### Hörsal C3 December 6th, 2017 12.00-12.30

Johan Jendle is Professor of Medical Science and Head at the Endocrine and Diabetes Centre at Karlstad Hospital. He is a specialist in endocrinology and diabetology and in internal medicine. His research is mainly focused on type 1 diabetes and physical activity. Johan Jendle's research began with a thesis studying whether patients could inhale insulin instead of injecting it at mealtimes. This research included both cell studies, animal research, and clinical research. Johan Jendle has examined various glucose-lowering medicines especially so-called incretin drugs for type 2 diabetes, based on the natural intestinal hormones called incretins. This medicine has several advantages, such as the patient not gaining weight or being at risk of hypoglycaemia, i.e. low blood sugar. In the future, he hopes to integrate cloud services with sensors and insulin delivery systems, in order to create and develop telemedicine services for individuals with diabetes.

