



International Conference

THE MICROBIOME THROUGHOUT LIFE

Translating new science into clinical practice

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PETTER BRODIN

Petter Brodin leads a systems immunology laboratory focused on developing novel technologies to profile the human immune system.

His multidisciplinary research aims to understand variation in the human immune system in health and disease, its origins early in life, and the influence of microbes on immune development and regulation. To achieve these goals, his team develops innovative experimental and computational tools that enable systems-level analyses of all white blood cell populations and their functional regulation in human blood samples.

As a physician–scientist in the Department of Pediatrics at Karolinska University Hospital, Petter is particularly interested in how the human immune system is shaped during early life and how its regulation is disrupted in children with inflammatory diseases and cancers.

His teaching focuses on systems immunology, computational biology, and pediatrics.

