

Abstract: Regulation of the immune response is central for human health. T cells in particular orchestrate the adaptive arm of the immune system and are required for key immune functions. T helper (Th) cell subsets with distinct cytokine secretion profiles and function play a crucial role in host defense as well as in pathological disorders such as allergy and chronic inflammatory and autoimmune diseases. To complement extensive knowledge on the mouse system we have focused on studies aiming at mechanistic understanding of human Th cell differentiation and immune mediated diseases providing a basis for translational research. We have identified new regulators of Th cell differentiation including factors involved in signaling, transcriptomics and epigenetics. Our recent findings will be summarized and discussed.

More information can be found at the link below

<https://www.uib.no/en/rs/brsi/164347/brsi-guest-lecture-new-regulators-human-t-cell-differentiation>