

## Short Bio:

Originally coming from the laboratory of Vitezslav Bryja in Brno where I was charmed by the Wnt/b-catenin signaling pathway, I continued with doctoral studies in Prague in Zbynek Kozmik's lab focusing on the role of transcription factor Tcf7l1 in early mammalian neural crest cell development. My current goal in Emma Andersson's lab at Karolinska Institutet, Sweden, is to elucidate the specificity of the individual Notch ligands towards their receptors in the context of early liver formation and disease. Our main goal is to dissect the roles of individual Notch signaling components during biliary tree formation, a key prerequisite for the development of treatments for developmental hereditary disorders, such as Alagille syndrome.