



## Graduate School Event

# Thesis Defense: Regulation of cytoplasmic RNA polymerase II

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Bernecky Group

Host: Beatriz Vicoso

Gene expression is crucial for cell differentiation, development and survival of organisms. It consists of several steps, starting with transcription, which is mediated by RNA polymerases. These are protein machineries transcribing and producing different types of RNAs. Although, the individual steps of transcription by RNA polymerase II (Pol II) as well as the structure of Pol II has been extensively studied, surprisingly, there is still little known about its regulation in cytoplasm. The aim of this project was to deepen our knowledge in regulation of Pol II in the cytoplasm as well as the proteins involved in this process. Techniques of structural biology, biochemistry and cell biology were employed to study and characterize cytoplasmic Pol II and its interacting partners.

**Thursday, March 6, 2025 02:00pm - 03:00pm**

Central Bldg / 01 / Mondi 2a (I01.01.008) and Zoom



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

Please find a schedule of the ISTA Shuttle on our webpage:

<https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.