



## Seminar/Talk

# Cytokinesis in vitro and in vivo

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Host: Carl-Philipp Heisenberg

Cytokinesis in many eukaryotes requires an actomyosin-based contractile ring. How the ring is assembled and how it generates tension are topics of active interest.

We use the fission yeast *Schizosaccharomyces pombe* as a model to investigate these questions. We combine the methods of genetics, advanced imaging, biochemical reconstitution, biophysics, and chemistry to answer these questions.

I will describe our recent work on mechanism of cytokinetic actomyosin ring contraction and disassembly focusing on the role of geometry and the molecular motor Myosin II.

**Thursday, February 23, 2017 04:00pm - 04:45pm**

Experimental Biology Room (I04.2OG - LAB)



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

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<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.