

SFB 924-/BZR – Kolloquium

Donnerstag, 23. November 2017

14:00 Uhr, H 53



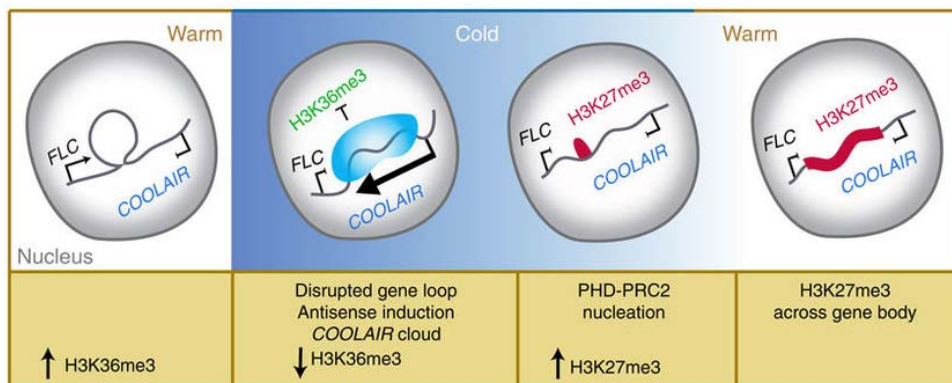
Dr. Stefanie Nunes Rosa

Institut für Biochemie und Biologie
Universität Potsdam

"A crowded one-lane two-way street: How to regulate the genetic information in space and time?"

Dr. Rosa is investigating different aspects of nuclear organization in plant developmental responses. She uses live cell imaging techniques to study diverse aspects of chromatin regulation and examines the role of histone exchange dynamics during cell differentiation in plants. She further studies nuclear gene positioning during epigenetic gene silencing using the regulation of the Arabidopsis major flowering time regulator FLC and its

antisense transcript COOLAIR as an example. In parallel, she has developed methods to detect single RNA molecules in single cells to study gene transcription and the role of non-coding RNAs in gene regulation.



Host: Prof. Dr. Thomas Dresselhaus



Universität Regensburg
Biochemie-Zentrum Regensburg

