

Eugene Wigner Colloquium

joint event of GRK 1558 and SFB 910



Dr. Andrew Goryachev

University of Edinburgh

“Activator-inhibitor patterns inside biological cells”

Activator-inhibitor systems have become a paradigm of pattern formation and have been extensively studied theoretically. Despite much effort, experimental evidence supporting their role in biological morphogenesis is still scant. I will present an overview of our work on a specific molecular module that physically implements the activator-inhibitor paradigm on the scale of a single cell and demonstrate its role in intracellular morphogenesis on the examples from distinct biological systems.



Thursday, 09.06.16 · 16:15h · EW 202

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