

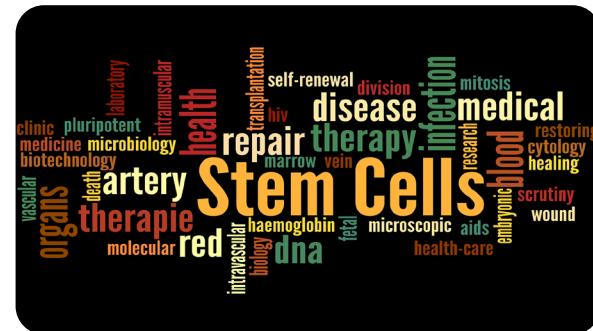
BtBs Seminars

Biotechnology and Biosciences Seminars



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Temporal regulation of human Neurodevelopment in human pluripotent stem cells-based models

Brain development follows sequential steps that instruct the assembly of distinct cell types in space and time. Human pluripotent stem cells (hPSC) recapitulate developmental trajectories during differentiation. A remaining challenge is how to control for timing, which is highly protracted in humans and is largely retained in vitro during hPSC differentiation. I will present recent efforts on novel tractable hPSC-based approaches capturing the progression of human neurodevelopment at high precision. These studies converge on identifying an epigenetic program setting timing, whose experimental manipulation allows to modulate the pace of hPSC cell-fate specification and neuronal maturation.



Thursday
March 19, 2026



U3-BIOS building
room U3-09



4.30 pm
to 5.30 pm

Host:
Veronica Krenn



The certificates of attendance for the seminar are also valid for the acquisition of CFU credits
For information, please visit the seminar's webpage

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