



UNIL | Université de Lausanne



Department of Biomedical Sciences

DBS SEMINAR

Tuesday, March 28th, 2023 - 12h15

Zoom Meeting and Seminar room 06, Bugnon 7

“Stem Cells in the Adult Brain: Regulation and Diversity”

Prof. Dr. Fiona Doetsch

Biozentrum, University of Basel
Spitalstrasse 41
4056 Basel
Switzerland



Host : Prof. Marlen Knobloch

Neural stem cells reside in specialized niches in the adult mammalian brain. Adult neural stem cells dynamically integrate intrinsic and extrinsic signals to either maintain the quiescent state or to become activated to divide and generate neurons and glia. I will present our recent findings highlighting adult neural stem cell heterogeneity, including the identification of novel gliogenic domains and cell types, and the key roles of physiological states and long-range signals in the regulation of regionally distinct pools of adult neural stem cells.

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