

Building a transcriptional atlas of myeloid subsets during neuroinflammation using single-cell RNA sequencing

Speaker

Roman Sankowski, MD PhD

* Institute of Neuropathology at the University of Freiburg Medical Center, Germany

* Laboratory Dominic Grün, Max Planck Institute of Immunology and Epigenetics



Roman Sankowski is currently studying the brain immune system, specifically CNS-associated microglia.

He uses single-cell RNA sequencing, a cutting-edge high-throughput technique, to understand the function of the brain immune system under healthy and various pathological conditions, including Glioblastoma multi-forme, Multiple Sclerosis and Alzheimer's disease.

Jennifer Pham

Single-cell Analytics Marketing Director at BioTuring Inc.



The webinar is going to address

- How single-cell RNA sequencing unveils the complexity of the CNS myeloid landscape and the dynamics of several myeloid populations in multiple sclerosis - Roman Sankowski.
- How to access and reanalyze the single-cell RNA-seq dataset of Sankowski's study in BioTuring Single Cell Browser - Jennifer Pham.

4:00 PM
(GMT+1)

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11

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