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**“Panel design – a practical guide for successful flow cytometry panels from 10-30 parameters”**

**When:** Tuesday, January 8<sup>th</sup>, 2019  
10:30 AM- 11:30 AM

**Where:** 850 Republican St. @ UW SLU – Orin Smith Auditorium  
*No registration required*

**Abstract:** This seminar will cover basic and advanced concepts of panel design for fluorescent flow cytometry, both for conventional compensation-based as well as spectral cytometers. We will focus on a systematic workflow utilizing recent concepts such as the spillover spreading matrix (SSM) and discuss common caveats of complex 20+ parameter panels.

Dr. Florian Mair earned his MSc in Molecular Biology at the University of Vienna in 2008 and his PhD in Immunology at the University of Zurich, Switzerland in 2014. As a Postdoctoral fellow at the University of Zurich, Dr. Mair developed and taught more than 10 different cytometry courses. He was instrumental in the purchase of the first A5 FACSymphony and Sony SP6800 spectral analyzer in Middle Europe. In 2017, Florian moved to Seattle and joined the Prlic Lab at FHCRC where his research focuses on the immune microenvironment of solid human tumors using various high-dimensional single cell approaches. Florian is a Marylou Ingram Scholars Program awardee from the International Society for the Advancement of Cytometry – a distinction for scientist specializing in emerging technologies and research related to cytometry. Florian published one of the first 28-color panels on human DCs using the FACSymphony platform (OMIP-044: 28-Color Immunophenotyping of the Human dendritic cell compartment, Mair and Prlic, Cytometry Part A 2018)



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Questions? Please contact:  
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