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PhD Course Immunophenotyping by flow cytometry and multiplexed immunohistochemistry

This is a postgraduate-level course, aimed at PhD students that wish to expand their knowledge on the fundamentals of flow cytometry (conventional, spectral, mass, and imaging flow cytometry) and multiplexed immunohistochemistry (standard multicolor microscopy, spectral, and imaging mass cytometry). You will learn how to design multicolor antibody panels (both for flow cytometry and multiplexed immunohistochemistry), and obtain a comprehensive understanding of experimental design, necessary controls, data pre-processing, data QC, and traditional and high-dimensional data analysis strategies. Other topics will include an overview of the most commonly used markers in immunophenotyping, the integration of immunophenotyping strategies into immune monitoring studies, and successful data display in research articles and presentations.

Target group	This course is meant for PhD students and equivalent to 2 ECTS, but some spots will be reserved for highly interested research technicians and post-docs
Dates	7 - 11 November (5 day course) 2022
Venue	O2 Lab Building (De Boelelaan 1108, 1081 HZ Amsterdam)
Language	English
Registration costs	Euro 300 for attendants affiliated to Amsterdam UMC and/or OOA and Euro 500 for others
Organizer	Juan J. Garcia Vallejo (Dept. Molecular Cell Biology & Immunology, Microscopy & Cytometry Core Facility Amsterdam UMC – VUmc Location)
Contact	Amsterdam UMC Conference & Events Email immunophenotyping@amsterdamumc.nl
More information?	The program and registration link will be available in September. Please send an email to be added to the mailing list for further information.