

## CIP Workshops 2010-2017

**Combinatorial color-encoded MHC multimer staining** Copenhagen (SR Hadrup), 21<sup>th</sup>-22<sup>th</sup> November 2016 *(completed)*

- 6 participants
- Aim 1: MHC multimer generation through UV-induced peptide exchange
- Aim 2: combinatorial staining, acquisition and gating

**Automated analysis of flow cytometry data** Amsterdam (P. Kvistborg, C. Britten, C. Gouttefangeas) 20<sup>th</sup>-21<sup>th</sup> January 2014 *(completed)*

- 14 participants
- Aim 1: presentation of immunologist needs and automated analysis strategies
- Aim 2: initiate collaborations between users and developers

**Regulatory T cells** Amsterdam (S. Santegoets, S. van der Burg) 29<sup>th</sup> October 2013 *(completed)*

- 40 participants
- Aim 1: identify markers necessary to measure and quantify Tregs
- Aim 2: identify assays for measuring suppressive activity of Tregs

**Fluorospot, HMGU/CIP** Munich (T. Bauer, N. Körber, C. Gouttefangeas) 13<sup>th</sup>-14<sup>th</sup> Juni 2013 *(completed)*

- 6 participants
- Aim 1: introduction to the Fluorospot assay for IFNgamma/IL2 detection
- Aim 2: comparison ELISPOT/Fluorospot

**QA of flow instruments**, Amsterdam (P. Kvistborg, S. van der Burg) 28<sup>th</sup>-29<sup>th</sup> January 2013 *(completed)*

- 8 participants
- Aim 1: quality assurance of cytometer using the approach described from Perfetto et al (Nat Protoc. 7:2067, 2012).
- Aim 2: report of flow data using MIFlowCyt

**Flow data analysis, HMGU/CIP** Munich (S. Kutscher, S. Allgayer, J. Eckl) 16<sup>th</sup>-17<sup>th</sup> May 2011 *(completed)*

- 6 participants
- Aim 1: optimal gating strategies
- Aim 2: multiparametric flow cytometry data

**HLA-multimer Workshop**, Tübingen (C. Gouttefangeas, K. Laske, S. Heidt) 17<sup>th</sup>-19<sup>th</sup> Jan. 2011 *(completed)*

- 4 participants
- Aim 1: optimal staining protocol and staining conditions
- Aim 2: combination of several HLA-multimers

**ICS Workshop**, Leiden (M. Welters, S. van der Burg, M. Meyering)

2<sup>nd</sup>-4<sup>th</sup> Nov. 2010 (*completed*)

- 4 participants
- Aim 1: optimal stimulation conditions for ICS staining using long peptides
- Aim 2: optimal gating strategies

**ELISPOT Workshop**, Mainz (C. Britten, H. Filbert)

19<sup>th</sup>-21<sup>th</sup> Oct. 2010 (*completed*)

- 5 participants
- Aim 1: influence of medium on ELISPOT performance
- Aim 2: response determination and reference benchmarks