

4th MASIR 2010 – FINAL PROGRAMME

WEDNESDAY, JUNE 9

Registration desk open 17:00 – 21:00
Set-up of all posters 17:00 – 19:00

19:00 – 21:00 Welcome Reception at the Exhibition

THURSDAY, JUNE 10

Registration desk open 08:00 – 13:30 and 15:30 – 20:30

09:15 – 09:30 Introduction
Mario Roederer

09:30 – 11:00 Session 1: Novel Technologies (I)
Chair: Mike Betts

S1	Mike Betts (USA)	Novel methods to analyze and isolate human memory T cells
S2	Mark Maeurer (Sweden)	High content MHC class II epitope and antibody recognition profiling using peptide microarrays
S3	Garry Nolan (USA)	Using Perturbation & Homeostasis at the Single Cell Level for Mechanistic Definitions of Normality, Autoimmunity, & Cancer

11:00 – 11:30 Break, poster viewing, exhibition

11:30 – 13:00 Session 2: CD4 T-Cell Responses
Chair: Federica Sallusto

S4	Federica Sallusto (Switzerland)	Dissecting the human T cell response to pathogens and vaccines
S5	Rafick Sékaly (Canada)	Systems biology approaches to memory T cell development
S6	John Zaunders (USA)	Identifying, isolating and expanding antigen-specific effector and T regulatory CD4 cells

13:00 – 16:00 Break, poster viewing, exhibition

16:00 – 17:30 Session 3: Memory responses & single-cell approaches

Chair: Dirk Busch

S7	Dirk Busch (Germany)	Plasticity of CD8+ T cell differentiation and its implications for adoptive immunotherapy
S8	Shane Crotty (USA)	Follicular Helper CD4 T Cell (Tfh) Differentiation and Function
OP1	Hiroyuki Kishi (Japan)	Detection of antigen-specific T-cell response on the single cell-basis with microwell array chip
OP2	Masae Horii (Japan)	Rapid and efficient cloning and functional evaluation system for antigen-specific T cell receptor obtained from single T-cells

17:30 – 18:00 Scientific Industrial Presentation by CTL

Chair: Jan Gratama

Paul Lehmann (Germany)	Immune monitoring: ELISPOT inherently provides key information not obtained via flow-based techniques
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18:00 – 18:30 Break, poster viewing, exhibition**18:30 – 20:00 Session 4: Innate and Adaptive Immune Responses**

Chair: Marcus Altfeld

S9	Vincenzo Cerundolo (UK)	Harnessing innate immune responses to optimize vaccination strategies
S10	Marcus Altfeld (USA)	NK cell responses to HIV-1
OP3	Caroline Tiemessen (South Africa)	KIR AA1 homozygotes and understanding the development of HIV-specific NK cell responses
OP4	Pauline Meij (the Netherlands)	Simultaneous isolation of CD8+ and CD4+ T cells specific for multiple viruses for broad antiviral immune reconstitution after allogeneic stem cell transplantation

20:00 – 20:30 Time on your own**20:30 – 22:00 Dinner and Poster Discussions** in the Horizon Sunset Room***Presentation of the ODD poster numbers***

Registration desk open: 08:30-13:30 and 15:00-20:30

09:00 – 11:00 Session 5: Adoptive T-Cell Therapy to Viral Infections

Chair: Jan Gratama

<i>S11</i>	Bruce Levine (USA)	Strategies for Immune Reconstitution by Adoptive Transfer of Engineered T-Cells in HIV
<i>S12</i>	Kees Melief (the Netherlands)	Immunotherapy of established lesions induced by high risk HPV
<i>S13</i>	Tanzina Haque (UK)	Long term outcome of adoptive immunotherapy using ex-vivo expanded Epstein-Barr virus (EBV)-specific cytotoxic T cells
<i>OP5</i>	Sylvia Janetzki (USA)	Establishing a reporting framework for T cell assays: The MIATA Project
<i>OP6</i>	Scott Burrows (Australia)	Allelic polymorphism in the T-cell receptor and its impact on protective immunity

11:00 – 11:30 Break, poster viewing, exhibition

11:30 – 13:00 Session 6: T-Cell Immunotherapy to Cancer

Chair: Reno Debets

<i>S14</i>	Theresa Whiteside (USA)	Monitoring for regulatory T cell (Treg) subsets in cancer and the prognostic value of Treg measurements
<i>S15</i>	Pierre Coulie (Belgium)	Numbers and functions of human anti-tumor T cells
<i>S16</i>	Reno Debets (the Netherlands)	TCR gene therapy to treat solid tumors: generating potent yet safe T-cell responses

13:00 – 15:30 Time on your own

15:30 – 16:30 Session 7: B cells

Chair: Deborah Dunn-Walters

<i>S17</i>	Deborah Dunn-Walters (UK)	Effect of age on immunoglobulin gene repertoire in response to challenge
<i>S18</i>	Antonio Lanzavecchia (Switzerland)	Dissecting the human antibody response to pathogens and vaccines

16:30 – 18:00 Session 8: Autoimmunity

Chair: Bart Roep

<i>S19</i>	Bart Roep (the Netherlands)	Detection of islet-specific autoreactive T cells by a novel robust and high-through-put screening strategy in stored blood samples of type 1 diabetic patients
<i>S20</i>	Ludvig Sollid (Norway)	Gluten specific T-cell responses in celiac disease
<i>OP7</i>	Roberto Mallone (France)	Enhanced detection of antigen-specific T-cell responses by accelerated co-cultured dendritic cells (acDCs)
<i>OP8</i>	Danielle Haney (USA)	Live-Sorting of Viable Antigen-Specific CD8+T cells

18:00 – 18:30 Break, poster viewing, exhibition**18:30 – 20:00 Session 9: Aging / Senescence**

Chair: Florian Kern

<i>S21</i>	Arne Akbar (UK)	The characterization of antigen-specific T cells during secondary immune responses in vivo
<i>S22</i>	Beatrix Grubeck-Loebenstein (Austria)	Antigen experienced CD8+ T cells in old age
<i>OP9</i>	Alina Lelic (Canada)	Advanced age does not impair the development of multi-functional CD8+ T cells following West Nile virus infection
<i>O10</i>	Victor Appay (France)	Premature immune aging in subjects thymectomized during early childhood is associated with mounting of CMV specific T-cell immunity

20:00 – 20:30 Time on your own**20:30 – 22:00 Dinner and Poster Discussions** in the Horizon Sunset Room***Presentation of the EVEN poster numbers*****22:00 – 22:30 Remove all posters**

Registration desk open: 15:30-19:00

09:00 – 16:00 Time on your own**09.00 – 14.30 Excursion to Delos**

Departure at 09.00 hrs by bus from the Myconian hotel.

Note: Pre-registration and payment required. There may be some tickets left - please contact the hotel reception desk.

16:00 – 17:30 Session 10: T-cell Vaccines (Infections)

Chair: Rick Koup

<i>S23</i>	Matthew McCall (the Netherlands)	Immune Responses in Experimental Human Malaria Infections
<i>S24</i>	Rick Koup (USA)	In vitro and in vivo evaluation of T cell functional regulation
<i>OP11</i>	Marie Candela Iglesias (France)	Specific TCRs confer functional advantages against HIV
<i>OP12</i>	Guido Ferrari (USA)	Multifunctionality of HIV-1-specific CD8+ T cell responses evolves with time and it is associated with selection of escape mutants in acute/early HIV infection

17:30 – 18:00 Break**18:00 – 19:30 Session 11: Novel Technologies (II)**

Chair: Mario Roederer

<i>S25</i>	Rong Fan (USA)	Integrated Microchips to Assess Multifunctionality of Single T Cells
<i>S26</i>	Lucas Flatz (Switzerland)	Single cell gene expression profiles identify distinct CD8+ T cell immune responses elicited by different gene-based vaccines
<i>S27</i>	Scott Tanner (Canada)	Beyond 30 Parameters in Single Cells with Mass Cytometry

19.30 – 19:45 Summary and Discussion**19:45 – 20:15 Time on your own****20:15 – 22:30 Farewell Dinner**