



9th International Conference on Human Leukocyte Differentiation Antigens

11-13 March 2010. Barcelona, Spain.

• SCIENTIFIC PROGRAM

With some 300 attendees expected, including leaders in the fields of immunology and hematology, HLDA9 will provide an exciting forum for discussing the current understanding of human cell differentiation molecules. Sessions will include: Structure and function of different families of leukocyte cell-surface molecules; B cell function and B cell subsets; Diagnostic and therapy using monoclonal antibodies; Proteomics of the immune system; New techniques in the generation and use of monoclonal antibodies. Data generated by the HLDA9 workshop studies, as well as the new CD molecules, will be presented at HLDA9.

See the list of confirmed keynote speakers below.

- Welcome
- HCDM
- City of Barcelona
- Conference Venue
- Program & Keynote Speakers
- Online Registration
- Online Abstract Submission
- Travel Information
- Accommodations
- Social Events
- Exhibition & Sponsoring
- Conference Organizer

Thursday 11 March		
8.00	Registration	I'Academia Foyer
8.30	Opening plenary session Chairperson: Laurence Boumsell Welcome to HLDA9 Pablo Engel	Main Auditorium
	David Mason Memorial Lecture Leukocyte surface molecules: history and the future Heddy Zola	Main Auditorium
9.30	Plenary session: Structure and function of cell-surface molecules Chairperson: Vaclav Horejsi CD300 – Ancient molecules regulating immune responses Georgina Clark	Main Auditorium
10:30	Coffee break	I'Academia Foyer
11:00	Plenary session: Structure and function of cell-surface molecules SLAM family cell surface receptors as microbial sensors Cox Terhorst TIM genes: A family of phosphatidylserine receptors Gordon Freeman CD94/NKG2 C-type lectin-like receptors Miguel Lopez-Botet	Main Auditorium
13.30	Lunch	I'Academia Grounds
15.00	Special sessions SLAM and SAP adaptor families in immune responses – I Antibody therapy Production, characterization, and validation of mAbs (EuroMAbNet) – I Ectoenzymes and disease – I	Main Auditorium Room 8 Room 9 Room 10
16.45	Coffee break	I'Academia Foyer



17.15	Special sessions SLAM and SAP adaptor families in immune responses – II Phenotyping of immunodeficiencies Production, characterization, and validation of mAbs (EuroMAbNet) – II Ectoenzymes and disease – II	Main Auditorium Room 8 Room 9 Room 10
21.00	GALA DINNER	Restaurant

Friday 12 March		
8.00	Plenary session: B cell differentiation and B cell subsets Chairperson: Pablo Engel Dissection of human B cell differentiation: how to build up an immunocompetent repertoire? Menno van Zelm New insights in mucosal immunoglobulin class switching Andrea Cerutti A role of protein kinase N1 in quality control of germinal center B cells Hitoshi Kikutani	Main Auditorium
10:30	Coffee break	l'Academia Foyer
11:00	Plenary session: Targeting B cells Chairperson: Andrea Cerutti Targeting pathogenic and regulatory B cells in autoimmune disease Thomas F. Tedder Microenvironmental interactions and clinical features in CLL: the lesson of CD49d Valter Gattei Ectoenzymes at the junction between innate and adaptive immunity Fabio Malavasi	Main Auditorium
13.30	Lunch	l'Academia Grounds
15.00	Special sessions B cell malignancies – I Proteomics and genomics B cell subsets and plasma cells	Main Auditorium Room 9 Room 10
16.45	Coffee break	l'Academia Foyer
17.15	Special sessions B cell malignancies – II Dendritic cells / Receptors of the innate immune system New cell surface molecules	Main Auditorium Room 8 Room 9

Saturday 13 March		
8.00	Plenary Session: Leukocyte Signaling Chairperson: Hannes Stockinger	Main Auditorium

	<p>Genetic and functional interactions between polymorphic receptors and counter-receptors in the MHC and NK receptor families</p> <p>John Trowsdale</p> <p>The roles of membrane rafts in leukocyte biology</p> <p>Vaclav Horejsi</p> <p>Tetraspan-enriched microdomains: a functional unit in cell plasma membranes</p> <p>Francisco Sanchez-Madrid</p>	
10:30	Coffee Break	l'Academia Foyer
11:00	<p>Plenary Session: Immunome</p> <p>Chairperson: Heddy Zola</p> <p>The human surface proteome using antibody-based proteomics</p> <p>Mathias Uhlén</p> <p>Ultra-sensitive single molecule fluorescence imaging for detection of CD-antigen function in live immune cells</p> <p>Hannes Stockinger</p> <p>The New CD Molecules</p> <p>Pablo Engel</p> <p>HCDM: Perspective on future developments</p> <p>Laurence Bousnell</p>	Main Auditorium

* EuroMabNet is a recently created organization that promotes the development of new technologies in the generation of monoclonal antibodies by European academic laboratories. HLDA9 will host the first formal international meeting of this organization.

Keynote Speakers

Laurence Bousnell (France)

Andrea Cerutti (USA)

Georgina Clark (Australia)

Gordon Freeman (USA)

Valter Gattei (Italy)

Vaclav Horejsi (Czech Republic)

Hitoshi Kikutani (Japan)

Miguel Lopez-Botet (Spain)

Francisco Lozano (Spain)

Fabio Malavasi (Italy)

Francisco Sanchez-Madrid (Spain)

Hannes Stockinger (Austria)

Thomas F. Tedder (USA)

Cox Terhorst (USA)

John Trowsdale (UK)

Mathias Uhlen (Sweden)

Menno van Zelm (The Netherlands)

Heddy Zola (Australia)