

Preliminary full programme

Wednesday 18 September 2019

PRE-CONFERENCE PROGRAMME

09.00-12.30 TRAINING COURSE A - CYTOMETRY IN VETERINARY AND ANIMAL SCIENCES: FISH IMMUNOLOGY AND MARINE BIODIVERSITY
Organiser: Marianne Enger (Oslo, NO)

The first part of this course highlights the fish's immune system, its interaction with pathogens and responses to stimulation and vaccines. The second part immerses the students in the marine environment focusing on marine biodiversity, including species composition and the functional and structural relationships in different communities.
Level: Basic. Max. 15 places.

09.00-10.30 **Fish immunology and vaccination**
Gyri Teien Haugland (Bergen NO)

10.30-11.00 Coffee break

11.00-12.30 **How to detect and measure activity of marine microorganisms ranging 9 orders of magnitude in size, and 6-fold in concentration with and without auto-fluorescent properties**
Aud Larsen & Gunnar Bratbak and co-workers (Bergen, NO)

09.00-12.30 TRAINING COURSE B - MICROVESICLES
Organiser: Enrique O'Connor (Valencia, ES)

Participants will receive a comprehensive review of microvesicles. The course illustrates the biological and clinical relevance of the cytometric analysis of microvesicles, discusses the technical bases of sample preparation including guidelines for optimization and standardization and demonstrates novel approaches for multiplexed analysis. Participants will gain hands-on experience by analyzing listmode files of real cases from clinical and experimental settings in an expert-guided environment.
Level: Advanced. Max. 15 places.

09.15-09.45 **Basic concepts and technological challenges in the analysis of microparticles: Current guidelines**
José-Enrique O'Connor (Valencia, ES)

09.45-10.30 **Exosomes and Microparticles: Results and Troubleshooting in a Cellular Biology Lab**
Barbara Canonico (Urbino, IT)

10.30-11.00 Coffee break

11.00-11.45 **Multiplexed analysis of microvesicles in clinical and experimental settings**
Alberto Álvarez-Barrientos (Badajoz, ES)

11.45-12.30 **Setup, optimization and interpretation of microparticle analysis as exemplified by real data files and available software**

09.00-12.30	TRAINING COURSE C - FLOW CYTOMETRY TOOLS Organiser: Sonia Gavasso (Bergen, NO) Faculty: Nima Aghaeepour ((Stanford, CA, USA), Mario D'Atri (Urbino, IT) <i>More information will follow soon</i> <i>Level: Basic. Max. 20 places.</i>
09.00-12.30	TRAINING COURSE D - ADVANCED TRAINING COURSE ON CLL MRD Organiser: Andy Rawstron (Leeds, UK) In chronic lymphocytic leukemia (CLL) the level of minimal residual disease (MRD) is a powerful independent predictor of outcome and a key endpoint for clinical trials. MRD is increasingly being applied to routine response assessment with the potential to guide treatment duration with novel agents. In this training course the clinical, biological and regulatory aspects of MRD analysis will be discussed. Participants will gain understanding of the analytical approach to MRD detection with interactive sessions including data analysis and interpretation of real cases. <i>Level: Advanced. Max. 10 places.</i>
10.00-12.00	WELCOME SESSION FOR FIRST-TIMERS: MEET, GREET & ASK ESCCA Introduction to ESCCA Education options, certification, ESCCAbase, Schools, Affiliated Societies, ESCCA Ambassadors Networking: Meet Board members and ESCCA committee members
10.00-12.00	ESCCA EUROPEAN CYTOMETRY CERTIFICATION EXAMINATION <i>Restricted to ESCCA members; max. 30 places.</i> <i>Information and registration via the ESCCA website, Membership section.</i>

CONFERENCE PROGRAMME

14.00-14.15	PLENARY 1	OPENING OF THE CONFERENCE
14.00-14.15		- Welcome from the ESCCA President: Paula Fernandez (Aarau, CH), - Welcome from the Norwegian Flow Cytometry Society: Marianne Enger (Oslo, NO)
14.15-16.00		NEW DEVELOPMENTS IN CYTOMETRY
		Chairs: Paula Fernandez (Aarau, CH), Marianne Enger (Oslo, NO)
14.15-15.00	PLE-01-01	Mass Cytometry in haematology Bjørn-Tore Gjertsen (Bergen, NO)
15.00-15.45	PLE-01-02	Machine learning in diagnosis Yvan Saeys (Ghent, BE)
14.45-16.00		Questions & Answers

16.00-16.30 ESCCA INDUSTRIAL PARTNER PRESENTATION

17.15-19.00	WELCOME RECEPTION at Håkonshallen hosted by the City of Bergen
17.15	Departure shuttle buses
18.00-19.00	Welcome Reception
19.00-22.00	Free time in the city centre of Bergen
	<i>Max. 350 places available; pre-registration required, on a first come, first served basis</i>

09.00-10.30	PAR-01	CLINICAL CYTOMETRY - BASICS Chairs: Paula Fernandez (Aarau, CH), Frank Preijers (Nijmegen, NL)
09.00-10.30		Pre-analytical procedures Frank Preijers (Nijmegen, NL) and Paula Fernandez (Aarau, CH)

09.00-10.30	PAR-02	ADVANCED HEMATOLOGY-ONCOLOGY: TISSUE FLOW-CYTOMETRY Chairs: Francesco Buccisano (Rome, IT), Ulrika Johansson (Bristol, UK)
09.00-09.30		Nodes Massimo Geuna (Turin, IT)
10.00-10.30		CNS Maria Ilaria Del Principe (Rome, IT)

09.00-10.30	PAR-03	IMMUNOLOGY: IMMUNOPHENOTYPING IN CLINICAL IMMUNOLOGY Chairs: Silvia Della Bella (Milan, IT), Sonia Gavasso (Bergen, NO)
09.00-09.15		Pre-analytical issues in a Flow Cytometry lab Alexandra Fleva (Thessaloniki, GR)
09.15-09.45		T lymphocytes in sickness and in health Alexandra Fleva (Thessaloniki, GR)
09.45-10.30		Multimomics analysis of the immune system adaptations during pregnancy Nima Aghaeepour (Stanford, CA, USA)

10.30-11.15 **BREAK - EXHIBITION - POSTER VIEWING**

11.15-12.00	PLENARY 2	KEYNOTE LECTURE Chair: Paula Fernandez (Aarau, CH)
11.15-12.00		The Flow Cytometry Laboratory: reality and perspectives Katherina Psarra (Athens, GR)

12.00-12.30 **ESCCA INDUSTRIAL PARTNER PRESENTATION**

12.30-14.00 **LUNCH BREAK - EXHIBITION - POSTER VIEWING**

14.00-15.30	PAR-04	CLINICAL CYTOMETRY - BASICS Chairs: Jordi Petriz (Barcelona, ES), Frank Preijers (Nijmegen, NL)
14.00-15.30		Analytical procedures Charlotte Petersen (Aarhus, DK)

14.00-15.30	PAR-05	ADVANCED HEMATOLOGY-ONCOLOGY: T LYMPHOPROLIFERATIVE DISORDERS Chairs: Francesco Buccisano (Rome, IT), Ulrika Johansson (Bristol, UK)
14.00-14.45		Sézary Syndrome Pedro Horna (Rochester, MN, USA)
14.45-15.30		T peripheral lymphomas Julia Almeida (Salamanca, ES)

14.00-15.30	PAR-06	IMMUNOLOGY: IMMUNOTHERAPY AND IMMUNE MONITORING Chairs: Silvia Della Bella (Milan, IT), Marianne Enger (Oslo, NO)
14.00-14.45		B cell monitoring during anti-B treatment in autoimmune diseases Bruno Brando (Legnano, IT)
14.45-15.30		Dendritic cells in autoimmune diseases Silke Appel (Bergen, NO)

15.30-16.00 **BREAK – EXHIBITION - POSTER VIEWING**

16.30-18.00	OPP-01	ORAL / POSTER FLASH PRESENTATIONS * Chairs: Stefano Papa (Urbino, IT), Jordi Petriz (Barcelona, ES)
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16.30-18.00	OPP-02	ORAL / POSTER FLASH PRESENTATIONS * Chairs: Enrique O'Connor (Valencia, ES), Iyadh Douagi (Stockholm, SE)
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16.30-18.00	OPP-03	ORAL / POSTER FLASH PRESENTATIONS * Chairs: Alfonso Blanco (Dublin, IE), Jan Willem Gratama (Noordeloos, NL)
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17.30-18.30	ESCCA GENERAL ASSEMBLY	
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18.00-19.00	PREMIER SPONSORS' LECTURES	
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** During the parallel sessions **Oral / Poster Flash Presentations**, accepted abstracts will be presented as either 15 minutes' oral abstract communications, or 5 minutes' poster flash abstract presentations.*

09.00-10.30	PAR-07	CLINICAL CYTOMETRY - BASICS Chairs: Paula Fernandez (Aarau, CH), Frank Preijers (Nijmegen, NL)
09.00-10.30		Practical applications: Infinicyt and Kaluza, tools for clinical and advanced analysis of FCM data

09.00-10.30	PAR-08	ADVANCED HEMATOLOGY-ONCOLOGY: RULES IN RARE EVENTS ACQUISITION Chairs: Francesco Buccisano (Rome, IT), Ulrika Johansson (Bristol, UK)
09.00-09.30		Overview Bruno Brando (Legnano, IT)
09.30-10.00		MM MRD Ruth de Tute (Leeds, UK)
10.00-10.30		CLL MRD Neil McIver-Brown (Bournemouth, UK)

09.00-10.30	PAR-09	IMMUNOLOGY: IMMUNOTHERAPY AND IMMUNE MONITORING Chairs: Alexandra Fleva (Thessaloniki, GR), Charlotte Petersen (Aarhus, DK)
09.00-09.45		Immune monitoring of patients with multiple sclerosis Katherina Psarra (Athens, GR)
09.45-10.30		T cell monitoring through HLA-peptide multimer staining <i>Speaker to be confirmed</i>

10.30-11.00 **BREAK - EXHIBITION - POSTER VIEWING**

11.00-12.00	PLENARY 3	NEW THERAPEUTIC APPROACHES AND THEIR CHALLENGES FOR FLOW MONITORING Chairs: Francesco Buccisano (Rome, IT), Bruno Brando (Legnano, IT)
11.00-11.45		New therapeutic approaches and their challenges for flow monitoring Concetta Quintarelli (Rome, IT)
11.45-12.00		Q&A session

12.00-12.30	ESCCA INDUSTRIAL PARTNER PRESENTATION
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12.30-13.45 **LUNCH BREAK - EXHIBITION - POSTER VIEWING**

13.45-14.45	OPP-04	ORAL / POSTER FLASH PRESENTATIONS * Chairs: Stefano Papa (Urbino, IT), Jordi Petriz (Barcelona, ES)
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13.45-14.45	OPP-05	ORAL / POSTER FLASH PRESENTATIONS * Chairs: Enrique O'Connor (Valencia, ES), lyadh Douagi (Stockholm, SE)
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13.45-14.45	OPP-06	ORAL / POSTER FLASH PRESENTATIONS * Chairs: Alfonso Blanco (Dublin, IE), Jan Willem Gratama (Noordeloos, NL)
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14.45-15.15 **BREAK - EXHIBITION - POSTER VIEWING**

15.15-16.45	PAR-10	CLINICAL CYTOMETRY Chairs: Iuri Marinov (Prague, CZ), Claudio Ortolani (Urbino, IT)
15.15-16.00		B-ALL - Recommended approaches for diagnosis and MRD follow-up by FCM Michael Dworzak (Vienna, AT)
16.00-16.45		Flow cytometry in the diagnostic work-up of MDS-recommended approaches Marisa Westers (Amsterdam, NL)

15.15-16.45	PAR-11	ADVANCED HEMATOLOGY-ONCOLOGY: MRD in AML Chairs: Francesco Buccisano (Rome, IT), Ulrika Johansson (Bristol, UK)
15.15-15.45		ELN consensus summary Francesco Buccisano (Rome, IT)
15.45-16.15		Gating strategies in AML-MRD Sylvie Freeman (Birmingham, UK), Francesco Buccisano (Rome, IT), Jaqueline Cloos (Amsterdam, NL)
16.15-16.45		Special populations and their role in MRD Jacqueline Cloos (Amsterdam, NL)

15.15-16.45	PAR-12	IMMUNOLOGY: TISSUE-SPECIFIC IMMUNITY Chairs: Silvia Della Bella (Milan, IT), Charlotte Petersen (Aarhus, DK)
15.15-16.00		Characterization of blood and gut T cells in HIV+ patients Kristina Lorvik (Oslo, NO)
16.00-16.45		Memory T cells in the human skin <i>Speaker to be confirmed</i>

17.30-23.00	CONFERENCE DINNER: <i>Seafood in the Fjords</i> For more details, please see the Social Programme page . <i>Pre-registration required, a fee applies</i>	
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09.00-10.30	PLENARY 4	INTERESTING CASES WITH INTERACTIVE VOTING
		Chairs: <i>to be confirmed</i>
09.00-10.30		Speakers: Maryalice Stetler-Stevenson (Bethesda, MD, USA) Katherina Psarra (Athens, GR) <i>Other speakers to be confirmed</i>
		In this session a series of clinical cases will be presented. Together with the presenter these cases will be actively reviewed by the delegates through interactive voting via mobile phone.

10.30-11.00 COFFEE BREAK - EXHIBITION - POSTER VIEWING

11.00-12.00	OPP-07	ORAL / POSTER FLASH PRESENTATIONS *
		Chairs: Stefano Papa (Urbino, IT), Jordi Petriz (Barcelona, ES)

11.00-12.00	OPP-08	ORAL / POSTER FLASH PRESENTATIONS *
		Chairs: Enrique O'Connor (Valencia, ES), lyadh Douagi (Stockholm, SE)

11.00-12.00	OPP-09	ORAL / POSTER FLASH PRESENTATIONS *
		Chairs: Alfonso Blanco (Dublin, IE), Jan Willem Gratama (Noordeloos, NL)

12.00-12.45	PLENARY 5	STEM CELLS
		Chairs: Sonia Gavasso (Bergen, NO), Ulrika Johansson (Bristol, UK)
12.00-12.45		Stem cells (provisional title) Simón Méndez-Ferrer (Cambridge, UK)

12.45-13.00		ESCCA AWARDS SESSION
		Chair: Paula Fernandez (Aarau, CH)
		ESCCA Best Oral Abstract & Best Poster Abstract Awards
		Presentation of ESCCA 2020
		Exhibition Raffle prize drawing
		Final remarks

** During the parallel sessions **Oral / Poster Flash Presentations**, accepted abstracts will be presented as either 15 minutes' oral abstract communications, or 5 minutes' poster flash abstract presentations.*

13.00-14.00

LUNCH BREAK - EXHIBITION - POSTER VIEWING

14.00-15.30	PAR-13	CLINICAL CYTOMETRY Chairs: Katherina Psarra (Athens, GR), Frank Preijers (Nijmegen, NL)
14.00-14.45		International Guidelines for the Diagnosis and Follow-up of Sézary Syndrome/Mycosis fungoides in peripheral blood Pedro Horna (Rochester, MN USA)
14.45-15.30		Consensus guidelines for GPI-AP deficiency testing by high sensitivity flow cytometry Iuri Marinov (Prague, CZ)

14.00-15.30	PAR-14	ADVANCED HEMATOLOGY-ONCOLOGY: FLOW-CYTOMETRY PITFALLS IN THE ERA OF IMMUNOTHERAPY Chairs: Francesco Buccisano (Rome, IT), Ulrika Johansson (Bristol, UK)
14.00-14.45		Myeloma: daratumumab Ruth de Tute (Leeds, UK)
14.45-15.30		ALL: inotuzumab/ blinatumomab Maryalice Stetler-Stevenson (Bethesda, MD, USA)

14.00-15.30	PAR-15	IMMUNOLOGY: FUNCTIONAL ASSAYS Chairs: Alexandra Fleva (Thessaloniki, GR), <i>co-chair to be confirmed</i>
14.00-14.45		Phosphoflow Jørn Skavland (Bergen, NO)
14.45-15.30		Degranulation assays Genny Del Zotto (Genoa, IT)

End of Conference