



ESCCA NEWSLETTER

JULY 2019

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Dear ESCCA Member, estimated reader of this Newsletter,

With the ESCCA conference in Bergen quickly approaching, I would like to thank all those submitting an abstract.

In response to last year's participants survey, we've innovated the way you can present your data at the congress and have reserved ample time for it. On each full day of the conference we've scheduled 3 parallel Oral Presentation Parallel (OPP) sessions, divided by topics. Selected abstracts will be presented as 5-minutes long "Poster Flash" presentations or as 15-minute Oral presentations. One presentation of each presentation type, poster flash and oral, will be chosen for an ESCCA award. The winners will be honored during the ESCCA Awards Session on the last day of the conference and are entitled to a free registration for the next ESCCA Conference.

We hope to increase the attention given to YOUR work and are looking forward to hearing and viewing your presentations.

Have a look at the announcement of coming and review of past ESCCA schools!

Have a good summer and see you in Bergen,

Paula Fernandez
ESCCA President



Bryggen

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www.escca.eu/norway2019

Programme & abstract submission

Many of you have submitted an abstract before the deadline, for which ESCCA and the Scientific Committee thank you. Your active contribution to the Conference is really appreciated. While you are reading this, the international reviewing committee is carrying out the blind peer-review of the abstracts. They will rank your abstract from 1 to 5 points, taking into consideration, among others, its relevance and originality of the subject, the scientific value and the quality of presentation.

In about ten days the Slotting Committee will convene in Valencia to slot all the accepted abstracts into the sessions or on the poster boards. And that concludes the scientific programme puzzle, at least for this year – we're already starting up the organisation for the next Conference! (see further below)

Edvard Grieg Hotel

Another important thing to do as soon as possible is to **reserve your hotel room** in the [Quality Hotel™ Edvard Grieg](#). ESCCA has negotiated reduced room rates and at this stage already 60% of the rooms have been reserved. More details and the dedicated ESCCA reservation form can be found on the [Housing page](#).

Discover charming Bergen during the social programme

During your stay you will also have the opportunity to experience Bergen. On Wednesday evening the City of Bergen will offer a **Welcome Reception** in the [Håkonshalle](#). An impressive venue with a rich history, built in the 13th century by King Håkon Håkonsson as a royal residence and feasting hall. It had several other functions after the royal family ceased to use it, until it was almost completely destroyed in 1944 during World War II when an ammunition ship exploded in the harbour directly below. Photos and a scale model displayed in the arrival area are the silent witnesses of that tragic event.... In the 1950s the Hall was fully restored so that we can now enjoy its splendour during the Welcome Reception. Don't forget to reserve your ticket via the online registration form.



After the Reception you can further explore the next door Bryggen area where you will find several little shops and restaurants. A stroll through the back streets of Bryggen brings you back to the Middle Ages, as a lot of the original architecture has been preserved or rebuilt. A shuttle bus will bring you back to the hotel.

Another social event that you really don't want to miss is the **Seafood in the Fjords Conference Dinner** on Friday on which we elaborated in the previous Newsletter. The combination of a boat trip through the Bergen fjords, the freshest of fresh sea food in Norway's best seafood restaurants, Cornelius, and its charismatic owner and local celebrity *Oyster Dundee* will ensure a memorable evening.

Financial contributors

Finally, ESCCA would like to express their gratitude for the sponsors who have committed themselves to the Conference. Without their support we wouldn't be able to organise this Conference for you! Please see more on the last page of this Newsletter.

ESCCA 2020: Save the Date!

ESCCA 2020 will take place from **Wednesday 9 – Sat 12 September 2020**. More details will be revealed during the Conference in Bergen, but you may already want to save the date!

Reminder: 6th International Summer School on Cytometry



Reminder



SIXTH INTERNATIONAL SUMMER SCHOOL ON CYTOMETRY

Valencia, Spain 8-12 JULY 2019

<https://www.escca.eu/education/international-course>

<http://www.cipf.es/web/portada/summer-school>

Organized by the European Society for Clinical Cell Analysis (ESCCA) with the support of University of Valencia, Principe Felipe Research Center, Incliva Foundation and Iberian Cytometry Society (SIC).

Dear readers of the ESCCA newsletter,

This short note is to announce the **fourth congress of the Italian Society for Cytometric Cell Analysis (ISCCA)** that will be held from **6-9 July 2019** in Urbino, beautiful Renaissance city and capital of Italian Flow-Cytometry because of its long tradition and the outstanding scientists working in this field.

Once again, as usual in ISCCA congresses, training courses and plenary session will be combined to allow participants to receive both an update on the most recent progress in Flow Cytometry but also to experience a full immersion in four major training courses, taking advantage of high-level teachers and experts in the field. Plenary sessions will face topics like evolution of the immune system, approach to rare events, translational cytometry with a focus on immunotherapy, dendritic cells, and leukemic stem cells, and the memory of the immune system. Among the courses, we offer an Onco-hematology Course 1 that will explore the Lymphoproliferative Diseases and the relationship between Flow Cytometry and Pathology, and an Onco-Hematology Course 2 that will focus on Myelodysplastic Syndromes and minimal residual disease in Acute Myeloid and Lymphoid Leukemias. The other two courses will deal with Functional Biology and Immunology, exploring several issues of these complex disciplines.

More information at <https://www.iscca.eu/Meeting.aspx>

Francesco Buccisano
President of ISCCA

Claudio Ortolani
Director of ISCCA Academy

Announcement and Call for Papers



frontiers Research Topics



Modulation of Human Immune Parameters by Anticancer Therapies

Ulrich Sack, Attila Tarnok, Il-Kang Na, Frank Preijers

Link to the project: <https://www.frontiersin.org/research-topics/10713>

Submission deadlines

Abstract: 15 September 2019 (flexible)

Manuscript: 13 December 2019

Frontiers in Immunology

This Research Topic can receive multiple article types. Detailed descriptions of the different article types are available on the Frontiers [website](#).

We also invite you to review the information regarding [publishing fees](#) and [author guidelines](#), as well as the list of [institutional memberships](#). Depending on the type of agreement, part or all of the fees may be covered by your institution. Should you lack funding for processing fees, we recommend applying through our dedicated [waiver program](#). Additionally, should the collection receive 10 accepted manuscripts, an **E-book** will be compiled, free of charge, and available to download in Epub and PDF formats.

We welcome the submission of Original Research articles, Methods, Case Reports, and Perspectives covering, but not limited to, the following sub-topics:

- 1) Immune monitoring in tumor antigen-directed antibody therapies;
- 2) Immune monitoring under checkpoint inhibition;
- 3) Predictive biomarker assays in cancer patients undergoing immune-oncological treatment;
- 4) Immune profiling in patients with CAR-cell based therapies;
- 5) Imaging cytometry for examining immune cells and counting circulating tumor cells (CTC);
- 6) Validation and quality assurance of in-house cytometric tests;
- 7) Analysis of rare cell populations in treated cancer patients.

Important Note: All contributions to this Research Topic must be within the scope of the section and journal to which they are submitted, as defined in their mission statements. Frontiers reserves the right to guide an out-of-scope manuscript to a more suitable section or journal at any stage of peer review.

Flow Cytometry in Greece

In the framework of the Flow Cytometric Training Program for 2019, the Greek society organized 3 Seminars: Basics in flow cytometry, Cytometry in Immunology and Cytometry in Hematology. The seminars took place in Athens, 9 -10 May 2019, at the offices of the Hellenic Society of Clinical Chemistry and Clinical Biochemistry.

For the basic flow Cytometry training course enrolled 33 participants, Cytometry in Immunology 19 ones and Cytometry in Hematology 23.

It is of great pleasure for the past few years to observe a continuous interest of young students for flow cytometry.

Therefore Hellenic society of Flow Cytometry keeps supporting all efforts that promote “flow of Flow” throughout Europe.

REVIEW



Kos island in Dodecanese, Greece, the birthplace of Hippocrates “the father of Medicine” was chosen by the ESCCA organizing committee to carry out for the first time the 1st Summer school in Flow cytometry for Immunology, organized by Silvia Della Bella and Katherina Psarra from June 19th-23rd, 2019.

There were students from Czech Republic, Italy, Russia and Greece who formed a great team, irrespective of their different backgrounds medical, biology, or even nanotechnology. The team included the teachers coming from Italy and Greece and from the first day on a great exchange of knowledge and information took place in a friendly atmosphere.

Of course the program didn't just include “a lot of work without play” so by the generous offer of the Greek Flow Cytometry society a trip to the Asklepieio as well as a visit to the traditional village Zia was organized. After 18:00 the beach was the calling destination. Later on, all together shared food, friendly conversation, wine and relaxation.

Some reviews and photos:

“All presentations were very precisely prepared, easy for orientation and clearly explained. It was our honor to sit there and to listen... Immunology is enzymatically catalyzed in this school and transferred directly to our hearts.”

“We will promote and recommend the event among our colleagues.”

“The talks should be one hour long, covering more subjects or more detailed.”

“Well, it was a fantastic start. We hope we will meet everybody again and have the strength and the courage to organize it for many years ahead in order to build a big immunology cytometry family.”





Hippocrates' Plane tree, 2,500 years old!
The periphery of its trunk is more than 10m.
Under the shadow of this tree the "father of medicine" used to teach his apprentices

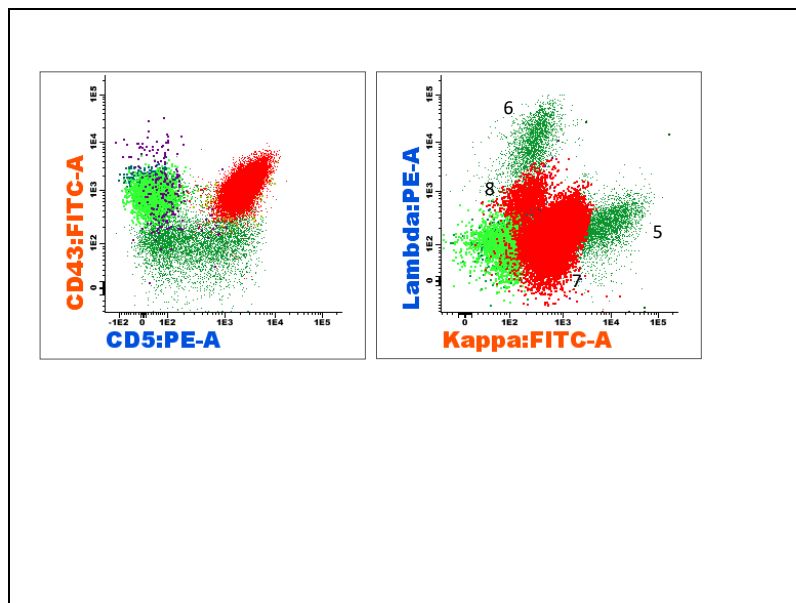
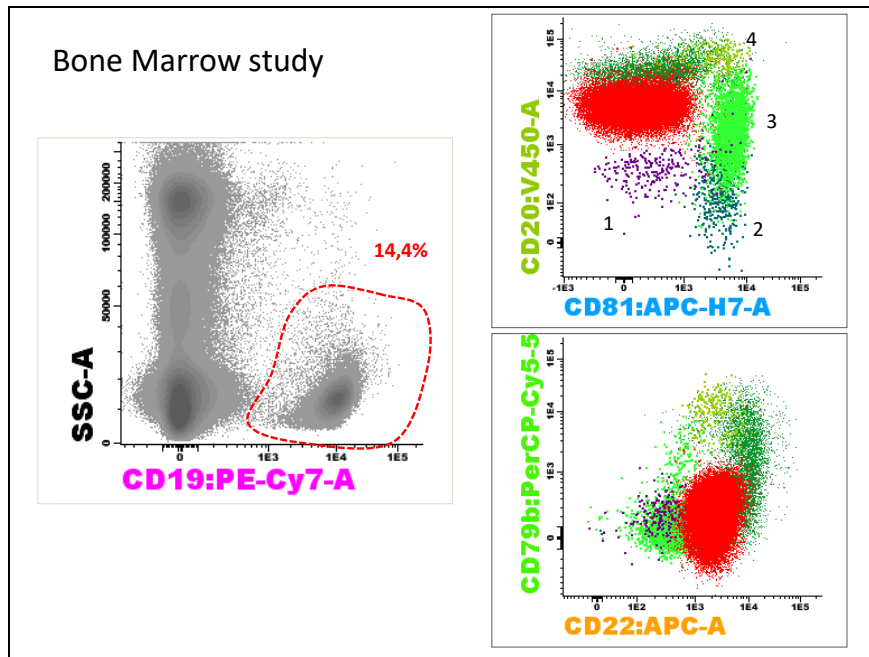


Asklipio : the most famous **Aesculapium** of the entire Greece (hospital and worshipping temple). It was built in 4th century, after the death of Hippocrates.



Quiz

Name the 8 populations shown in the pictures.*



* For the answers, see the last page.

ESCCA Conference Sponsors

ESCCA would like to express their gratitude for the sponsors who have committed themselves to the 2019 Conference in Bergen, Norway. So far the following sponsors have confirmed their presence:

Premier sponsors



<http://www.sysmex-flowcytometry.com/>



<https://www.beckman.com/>

Platinum sponsors



<https://www.bdbiosciences.com/en-eu/instruments/clinical-instruments/clinical-sample->



Silver sponsors

[click here.](#)

Beckman Coulter

Beckman Coulter Life Science is welcoming you to ESCCA 2019. Stop by our booth to explore our innovative solutions in flow cytometry like the new DxFLEX flow cytometer and learn how to receive better results, faster from your high dimensional data with our latest addition Cytobank - the leading cloud-based platform for the advanced analysis of high dimensional data. Join our Scientific program in our “Meet the Expert Sessions”, for example discover the ClearLab 10 Color System and interact with other likeminded scientists enabling you to share your expertise, knowledge and learn from your peers in the research community. See you in Bergen!

BD at ESCCA 2019 – Discover a powerful new level of performance to move the pace of your lab forward

The BD FACSDuet™ Sample Preparation System combines automation, simplicity and consistency. Physically integrated with the BD FACSLytic™ flow cytometer, this complete walkaway sample-to-answer solution is helping to drive your laboratory to higher productivity.

The system integrates seamlessly into your laboratory workflow providing standardization with flexibility to meet your needs. Designed as a modular system, with an intuitive and easy-to-use touchscreen software interface, the BD FACSDuet changes the way you have always experienced sample preparation and flow cytometry.

At the ESCCA 2019, BD will be there to show you how the BD FACSDuet™- BD FACSLytic™ solution is positively impacting laboratories all around the world.

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Cytognos S.L
www.cytognos.com
www.infinicyt.com

A brief profile of the organisation;

Cytognos is a Biotech company based on Salamanca with over 20 years of experience at successfully designing, developing, manufacturing and commercializing innovative flow cytometry products for In Vitro Diagnosis (IVD). Cytognos collaborates actively with the EuroFlow™ consortium implementing and bringing onto the market the “Next Generation Flow” approach which provides high sensitive flow cytometry tests and standardized protocols for the diagnosis, classification and follow-up of haematological malignancies, Minimal Residual Disease detection and Primary Immunodeficiencies.

We offer a complete solution with all the necessary tools which includes multi-colour high quality kits, stable flow cytometer and state-of-the-art analysis software. Our Product Specialists provide outstanding support, helping our customers to easily implement the

Furthermore Cytognos is ISO 9001:2015 and ISO 13485:2016 certified and has obtained CE/IVD manufacturing licence from the Spanish Agency of Medicines and Medical Devices (Ministry of Health), which ensures reliable quality control processes, manufacture of high quality products and aim to increase customer satisfaction.

Follow ESCCA!



[Join ESCCA](#)

[Interested in sponsoring ESCCA?](#)

Answers quiz page 8:

- 1- Plasma cells
- 2- pre-B-I
- 3- Pre-B-II
- 4- Immature transitional B CD10+
- 5- Mature B-cells kappa+
- 6- Mature B-cells lambda+
- 7- B-CLL kappa+
- 8- B-CLL lambda+