

## INTRODUCTION

It is a great pleasure to announce the 2013 International Course in Flow Cytometry. The course intends to provide high quality lectures on cell analysis including the most recent flow cytometry applications. Flow Cytometry is a technology we all appreciate for its fabulous potential and continuous improvement in precision and performance. As the potential continues to increase exponentially we need to share our expertise and learn from each other, which will be facilitated during this three day course. While it is exclusively sponsored by Beckman Coulter, the course is widely open to everybody curious in discovering new applications whatever the technology you are using.

This year the course aims to be innovating: First it will be organised in the beautiful town of Saint-Etienne (France), that you must discover at least once in your life and this course is surely the unique opportunity for you to do so. Second the course will be organised under the joint umbrella of IFCC and ESCCA. Finally and not the least, the course will focus on one cell lineage, bringing together several points of view including cell biology, haematology, dysplasia, immunology and inflammation, for the benefit of fundamental or applied researchers.

You will learn many things about the cell itself during morning lectures. In the afternoon sessions you will participate in exercises on how to explore it in daily practice before a nice social event in the evening with French cuisine.

Why not budget to have some free time the day before or the day after to enjoy the modern art museum or visit the industrial museum with impressive machines that can weave more than 10 colours in dot plot fabrics without any electronic board or computer or even climbing... in the trees... if you prefer a more active leisure time.

But first come and discover and investigate Myelocytes/Monocytes/Macrophages and Flow Cytometry exploration of their origin and maturation, activation /signalling, oxidative burst/phagocytosis, dysplasia, function and dysfunction...

All what you wanted to know about Monocytes, from experts of different viewpoints.

*Dr. Claude Lambert, CHU Saint-Etienne*

## INFORMATION

### Conference Secretariat

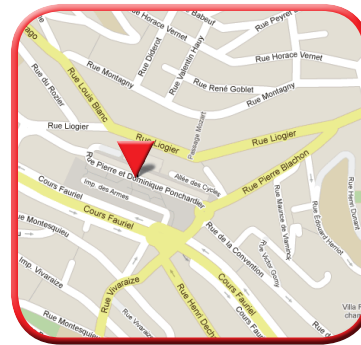
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### Scientific Information

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### Venue

Centre de Congrès St. Etienne 23  
rue Ponchardier BP 72  
42010 Saint-Etienne Cedex 2



### Course Webpage

[www.ifcc.org](http://www.ifcc.org)  
[www.escca.eu](http://www.escca.eu)



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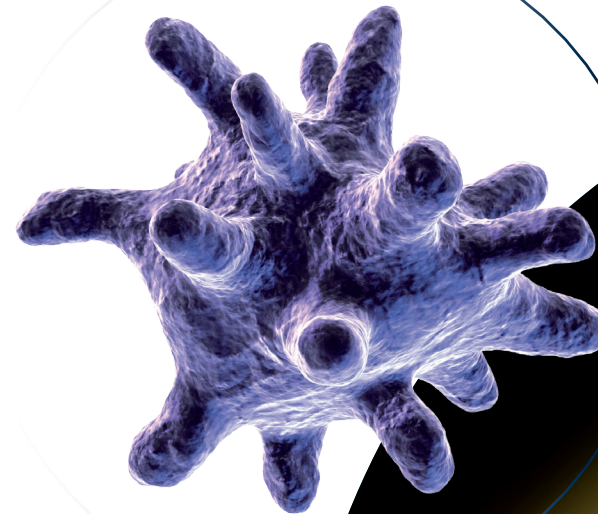
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## FLOW CYTOMETRY



## Invitation

# IFCC/ESCCA Beckman Coulter Flow Cytometry Course



Differentiation

Myelodysplasia

Inflammation

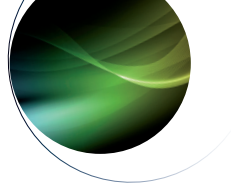
Signalling

Deficiencies

11-13 April 2013  
St. Etienne, France

Centre de Congrès St. Etienne



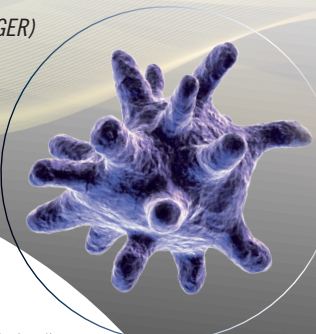


CENTRE HOSPITALIER UNIVERSITAIRE  
SAINT-ÉTIENNE

Centre de Congrès  
St. Etienne - France

**Thursday, 11 April 2013**

- 09:00 hrs** Exploring Monocyte lineage from basic to medical applications  
*Claude Lambert (St. Etienne, F)*
- 09:15 hrs** From stem cell to blood cell: flow cytometry of the differentiation pathway  
*Frank Preijers (Nijmegen, NL)*
- 10:00 - 10:30 hrs** Coffee Break
- 10:30 hrs** Signalling monitoring and flow cytometry  
*Jacques Nunes (Marseille, F)*
- 11:30 hrs** Flow cytometry in the diagnosis of myelodysplastic syndromes and the value of MNDA  
*Frauke Bellos (Munich, GER)*
- 12:30 - 14:00 hrs** Lunch Break
- 14:00 - 18:00 hrs** 3 Practical Sessions
- From stem cell to blood cell: flow cytometry of the differentiation pathway  
*Frank Preijers (Nijmegen, NL)*
  - Signalling monitoring and flow cytometry  
*Emilie Coppin (Marseille, F)*
  - Flow cytometric assessment of myelodysplastic syndromes  
*Frauke Bellos (Munich, GER)*
- 20:00 hrs** Dinner at Escargot d'or



**Friday, 12 April 2013**

- 09:00 hrs** Monocytes and sepsis  
*Gulderen Yanikkaya Demirel (Istanbul, TR)*
- 10:00 - 10:30 hrs** Coffee Break
- 10:30 hrs** Monocytic HLA-DR for assessment of immunocompetence in ICU patients  
*Christian Meisel (Berlin, GER)*
- 11:30 hrs** CD64 expression on PMNs in transplanted patients  
*Ulrich Sack (Leipzig, GER)*
- 12:30 - 14:00 hrs** Lunch Break
- 14:00 - 18:00 hrs** 3 Practical Sessions
- Monocytes and sepsis  
*Gulderen Yanikkaya Demirel (Istanbul, TR)*
  - HLA-DR on Monocytes  
*Christian Meisel (Berlin, GER)*
  - CD64 on PMNs  
*Ulrich Sack (Leipzig, GER)*
- 20:00 hrs** Dinner at Le Grand Circle



**Saturday, 13 April 2013**

- 09:00 hrs** Flow cytometry in cardiovascular disease  
*Imo Höfer (Utrecht, NL)*
- 10:00 - 10:30 hrs** Coffee Break
- 10:30 hrs** Peroxisomal and Oxidative Burst defects  
*Gérard Lizard (Dijon, F)*
- 11:30 hrs** Stem cell and macrophage biology  
*Sandrine Sarrazin (Marseille, F)*
- 12:30 - 14:00 hrs** Lunch Break
- 14:00 - 18:00 hrs** 3 Practical Sessions
- Flow cytometry in cardiovascular disease  
*Imo Höfer (Utrecht, NL)*
  - Peroxisomal and Oxidative Burst defects  
*Gérard Lizard (Dijon, F)*
  - Stem cell and macrophage biology  
*Sandrine Sarrazin (Marseille, F)*

Registration

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Registration

- I would like to attend the course.
- Please book one single room from \_\_\_\_\_ to \_\_\_\_\_
- At Adagio City Hotel for 96,50 € per room and night incl. breakfast.
- At Tenor Hotel for 65,- € per room and night incl. breakfast.

The course is limited to 36 participants.  
 The registration fee is 550,- €.  
 Each participant will receive an invoice after registration.  
 Hotel accommodation and the travel expenses will be paid by the participants themselves.

Date

Signature