

IFCC  
Beckman Coulter  
Flow Cytometry Course  
Universidad Nacional de Córdoba

## Pre-Program in Clinical Hematology 9-10-11 March 2016

**Lectures and Practical Sessions**  
at Facultad de Ciencias Químicas  
Universidad Nacional de Córdoba  
Ciudad Universitaria, Haya de la Torre, 5000  
Córdoba, República Argentina

### Wednesday 9, March 016

**8.45** Welcome – Cecilia Rodriguez (Córdoba) and Ulrich Sack (Leipzig)

**9.00 Lectures**  
**Panel development** (Alberto Alvarez Barrientos - Badajoz) How to select monoclonal antibodies and their labels for setting up multicolour cytometry panels.

**10.00 Coffee Break**  
**Normal lymphocyte development** (Ulrich Sack - Leipzig) Relevant markers for cell population's characterization.  
**WHO classification of Leukemias** (Ricardo Morilla - London) Interactive cases presentation and diagnosis based on the WHO classification

**12.30 Lunch Break**  
**13:30 – 18.00 Practical Sessions**  
Exercise 1: Development of a multicolour panel  
Exercise 2: Analysis of the healthy immune system

Exercise 3: Analysis of leukemias

**20.30 Dinner at Restaurant**

### Thursday, 10 March 2016

**9.00 Lectures**  
**Primary immunodeficiencies** (Ulrich Sack - Leipzig) Analysis of lymphocytes and their functions in the context of immunodeficiency analysis.

**10.00 Coffee Break**  
**MDS** (Evangelina Agriello - Bahía Blanca) Analysis of myelodysplastic syndrome.  
**CLL-MRD** (Adriana Galeano - Buenos Aires) Minimal residual disease in Chronic lymphocytic leukemia

**12.30 Lunch Break**  
**13:30 - 18:00 Practical Sessions**  
Exercise 4: Analysis of primary immunodeficiencies

Exercise 5: Analysis of MDS  
Exercise 6: Analysis of CLL-MRD

**20.30 Dinner at Restaurant**

### Friday, 11 March 2016

**9.00 Lectures**  
**Harmonization** (Ricardo Morilla - London) Harmonization allows inter-laboratory identical results even in different flow cytometric settings.

**10.00 Coffee Break**  
**Sepsis** (Ulrich Sack - Leipzig) Application of flow cytometry for risk assessment in sepsis patients.  
**PNH** (Cecilia Rodriguez - Córdoba) Diagnosis and follow-up of PNH.

**12.30 Lunch Break**  
**13:30 - 18:00 Practical Sessions**  
Exercise 7: Quality assurance in multicolour analysis  
Exercise 8: Analysis of phagocytes in sepsis  
Exercise 9: Analysis of PNH

**20.30 Dinner at Restaurant**

### Registration Information



**Web** [www.beckmancoulter.de](http://www.beckmancoulter.de)

**Life Sciences**

**Email:** [workshopincordoba@gmail.com](mailto:workshopincordoba@gmail.com)

**Registration:** [bit.ly/1WQjrHJ](http://bit.ly/1WQjrHJ)

The course has two options: Fee includes lectures, coffee break and lunch.

- Lectures and practical sessions limited to 36 participants (\$3500)
- Only lectures option is limited to 64 participants (\$2500)
- Registration until 10 Febrero -40%

Hotel accommodation and the travel expenses will be paid by the participants themselves.

Friendly price at **Yrigoyen 111 Hotel**, email to [reservas@y111hotel.com](mailto:reservas@y111hotel.com) or call to +54 351 571400



**Rotary**  
Club Rotario de  
Sierras Chicas

