***I WORKSHOP EUROFLOW EN ARGENTINA
 27 – 29 August. 2014.***

***Salguero Plaza. Buenos Aires***

[***Wednesday***](https://www.google.com.ar/search?q=wednesday&start=0&spell=1)**,27 August 2014**

08:00-09.00: **Registration**

09.00-09.10:**Welcome**

09.10-12.30:**Practical and technical tips when implementing Euroflow approach.**

* Instrument set-up for standardization (M.I Goldaracena)
* EuroFlow staining and acquisition protocols review (E. Agriello)

**12.30-14.00: Lunch**

14.00-14.30:**Introductory lecture:-What is EuroFlow** J.J.M. van Dongen

14.30-17.30**Session1: Technical aspects of EuroFlow proposal and how to apply the EuroFlow panels and algorithm**

* Euroflowprotocols: technical aspects (A.Orfao)
* How to apply the EuroFlow panels and strategies for the diagnosis and follow-up of haematologicalmalignancies. (J.J.M.vanDongen)
* Flexibility of Euroflow concept. (J.J.M.vanDongen)

**Thursday, 28 August 2014**

08.30-09.15:**Session 2:Construction and usage of the EuroFlowdata bases**

* Construction of databases and their usage for routine data analysis in the diagnosis of hematological malignancies. (A.Orfao)
* Data Analysis for the “acute leukemia orientation tube” with reference data bases. (A.Orfao)

09.15- 10,45: **Session 3: Myeloid maturation tools in the diagnosis and classification of myeloid malignancies**

* Normal maturation of myeloid cells with the EuroFlow AML/MDS panel. (A.Orfao)
* Novel EuroFlow strategies for assigning myeloid lineage and maturation stage in AML. (A.Orfao)
* Maturation tools the diagnostic screening of myelodysplastic syndromes. (A.Orfao)

10.45-11.15: Coffe Break

11.15-13.00**Session4: Differentiation of mature B-cells in lymphoid tissues: normal vs leukemia/lymphoma cell counterparts**

* Normal B cell maturation in lymphoid tissues. (JJM van Dongen)
* EuroFlow panel and data analysis strategies for the immunophenotypicdiagnosis and classification of chronic B-cell lymphoproliferative disorders” (.A.Orfao)

13.00-14.30: Lunch

14.30-18.00:**Data analysis session 1: Live case presentation and interactive data analysis**

Data analysis and reporting of results in acute leukemias. (A. Orfao)

15.45-16.15: Coffe Break

**Friday, 29 August 2014**

08.30-10.45: **Data analysis session 2: Live case presentation and interactive data analysis**

Data analysis and reporting of results in mature lymphoid malignancies. (A. Orfao)

10.45-11.15: Coffe Break

11.15-12.15:**Session 5 : Treatment monitoring by flow cytometry**

* Current MRD diagnostics: general introduction. (J.J.vanDongen)
* New EuroFlow strategies for MRD monitoring based on normal vs aberrant maturation pathways. (A. Orfao)

12.15-14.00: Lunch

14.00-15.30:**Session6: EuroFlow MRD panels**

* Construction of EuroFlow panels for MRD detection in B-cell precursor ALL. (J.J.M.vanDongen)
* Euroflow panels and strategies for MRD detection in multiple myeloma. (A. Orfao)

15.30-16.00: Coffe Break

16.00-17.30: **Data analysis session 3: MRD live case presentation and interactive data analysis**

* MRD in acute leukemias. (A.Orfao)
* MRD in chronic lymphocytic leukemia. (A. Orfao)
* MRD evaluation in multiple myeloma. (A.Orfao)

**17.30-18.30: Session7: New applications of the EuroFlow concepts**

* Peripheral blood subsetting of monocytes/macrophages and their diagnostic potential in oncology. (J.J.M.vanDongen)
* Peripheral blood B-cell subsets in the diagnosis of primary (antibody) immunodeficiencies. (JJM van Dongen)