

**PRE-CONFERENCE WORKSHOP**

**WEDNESDAY 17 SEPTEMBER 2025**

**09.00-12.30 WS4: Spectral Cytometry in Clinical Practice: Applications and Insights**

**Organisers** Mikaël Roussel (Rennes, FR) and Thomas Matthes (Geneva, CH) - on behalf of the French group CytHem

**Level:** **Beginners.** Max. 25 places.

Spectral cytometry has been implemented in only a few diagnostic laboratories so far. In this course, Prof. Roussel and Matthes will share their experience in designing spectral panels and running spectral cytometry for various clinical applications. They will provide examples of mid-size panels (10–20 colors) for diagnosis and MRD assessment of hematologic malignancies, as well as high-complexity panels (>20 parameters) for the monitoring of immune cell populations.

09:00-10:00	Spectral cytometry concept & panel design	Mikaël Roussel (Rennes, FR) Thomas Matthes (Geneva, CH)
10:00-11:00	Real life experience from Rennes and Geneva	Mikaël Roussel (Rennes, FR) Thomas Matthes (Geneva, CH)
11:00-11:30	<i>Coffee break</i>	
11:30-12:15	Panel builder tools <b><i>If you want to try panel builder tool, please bring your own laptop</i></b>	
12:15-12:30	Take home messages	

*The supporting materials will be kindly provided by BD, Beckman Coulter and Sony.  
The Scientific and Organising Committees have determined the content of this workshop and warrant its scientific independence.*

*Lunch on your own*

**14.00** Start ESCCA Conference