XII EUROPEAN SIMPOSIUM

CLINICAL LABORATORY AND IN VITRO DIAGNOSTIC INDUSTRY

DIGITAL TRANSFORMATION OF THE CLINICAL LABORATORY

May 29th, 2025

Institut d'Estudis Catalans, Barcelona

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With the auspices of the IFCC and the EFLM

EUROPEAN FEDERATION OF CLINICAL CHEMISTRY AND LABORATORY MEDICINE

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Digital transformation in Clinical Laboratory science is a reality that is fundamentally changing the way we work, analyse, and interpret information. New technologies, including artificial intelligence, big data, and automation tools, are redefining diagnostic processes and improving the accuracy and efficiency of our analytical results.

In this rapidly evolving context, it is essential to create a space for reflection and debate where professionals in the field can share knowledge and experience.

The main objective of this Clinical Laboratory Symposium is to explore current challenges and identify best practices for the Integration of emerging technologies. To achieve this, we will discuss the strategic role of laboratories in transformative new projects, the integration of innovative technologies in healthcare, and the use of data and information generated in Clinical Laboratories.

The programme will be structured around three panel discussions, addressing key aspects of digital transformation in Clinical Laboratory science. Experts in the field will present projects using AI in healthcare in our region, strategies focused on the acquisition of new digital skills for professionals, and discussions on the creation of the European Health Data Space and other regulatory frameworks.

In addition, , we will showcase a number of transformative and innovative projects led by Clinical Laboratory professionals. They will share their experiences in engaging stakeholders, overcoming barriers, and implementing digital tools that have revolutionised daily practice.

Finally, we will focus on the use and quality of data generated in laboratories for the development of decision support tools, management systems, and indirect reference value assessments.

The open and participatory nature of these discussions aims to encourage active engagement of participants, making this symposium an essential meeting point for all professionals interested in the future of the Clinical Laboratory and its transformation into a more efficient, connected, and future-ready environment.

PROGRAM

Thursday, May 29, 2025

8.45	Registration
9.00	Welcome and Symposium presentation ANNA SANCHO CERRO
9.15	TABLE 1 **ARTIFICIAL INTELLIGENCE AND DIGITAL SKILLS: THE ENGINE THAT WILL TRANSFORM CLINICAL LABORATORIES** ***Chairman:*** JAUME BARALLAT MARTÍNEZ DE OSABA ***Speakers***: ELISENDA REIXACH, SUSANNA AUSSÓ TRIAS, JORDI MARTÍNEZ ROLDÁN, POL PÉREZ SUST
11.15	COFFEE- BREAK
11.45	Inaugural lecture: ***Pending título*** In charge of CLARA PRATS SOLER
12.15	**TABLE 2** **DIGITAL REVOLUTION IN THE CLINICAL LABORATORY: PIONNEERING EXPERIENCES** ***Chairman:*** JAVIER NIETO MORAGAS ***Speakers***: DAVID CASADEVALL, ENRIQUE RODRÍGUEZ BORJA, LOURDES SÀNCHEZ NAVARRO, PAULA GASSIOT CORDOMÍ
14.15	LUNCH
15.15	**TABLE 3** **USE OF LABORATORY DATA, BEYIND THE RESULTS REPORT** ***Chairman:*** XAVIER NAVARRO SEGARRA ***Speakers***: ROSA DOLORES LÓPEZ ALARCÓN, YOLANDA LUCEÑO, ALBERT BLANCO GRAU, ORLANDO JIMÉNEZ ROMERO
17.15	Conclusions and closure

Registration

https://www.iec.cat/jornades/laboratoriclinic2025.asp

Acreditation:

Requested. Pending resolution of file 09/039522-FR

Corporate members:

Collaborators members:

**Corporate and collaborators members have no commercial relationship with the program that will be carried out at this XII European Symposium*

Team of experts:

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