



Institut
d'Estudis
Catalans



Societat Catalana
de **BIOLOGIA**



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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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 title*
In charge of CLARA PRATS SOLER

12.15 TABLE 2

DIGITAL REVOLUTION IN THE CLINICAL LABORATORY: PIONNEERING EXPERIENCES

Chairman: XAVIER NIETO

Speakers: DAVID CASADEVALL, ENRIQUE RODRÍGUEZ BORJA, LOURDES SÁNCHEZ NAVARRO, PAULA GASSIOT CORDOMÍ

14.15 🍽️ LUNCH

15.15 TABLE 3

USE OF LABORATORY DATA, BEYOND THE RESULTS REPORT

Chairman: XAVIER NAVARRO SEGARRA

Speakers: ROSA DOLORES LÓPEZ ALARCÓN (PER CONFIRMAR), YOLANDA LUCEÑO, ALBERT BLANCO GRAU, ORLANDO JIMÉNEZ ROMERO

17.15 Conclusions and closure

Registration

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

Accreditation:



Activitat acreditada pel Consell Català de Formació Continuada de les Professions Sanitàries-Comisión de Formación Continuada del Sistema Nacional de Salud, amb **1,1 crèdits** i registrada amb el núm. **09/034231-FR**

With the collaboration of the corporate members:



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