

#ibcrg2024

IX Edition  
**Biomedical Cancer  
Research  
Conference**

A Coruña,  
29th May 2024



## ORGANIZATION COMMITTEE

**Dra. Angélica Figueroa**, Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC)

**Dra. Rosario G. Campelo**, Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC)

**Dra. Esperanza Cerdán**, Universidade da Coruña (UDC- INIBIC)

**Dr. Fernando Torres Andón**, Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC)

## SCIENTIFIC COMMITTEE

**Dra. Angélica Figueroa**, Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC)

**Dra. Rosario G. Campelo**, Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC)

**Dr. Ángel Carracedo**, Universidade de Santiago de Compostela

**Dra. Esperanza Cerdán**, Universidade da Coruña (UDC-INIBIC)

**Dr. Fernando Torres Andón**, Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC)

**Dr. Ángel Vizoso**, Universidade da Coruña (UDC-INIBIC)

◆ 9.00-9.15      **REGISTRATION**

◆ 9.15-9.30      **INAUGURATION**

**Dr. Luis Verde Remeseiro**

Gerente del Area Sanitaria de A Coruña

**Dra. Rosario G. Campelo**

Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC)

**Dra. Angélica Figueroa**

Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC)

◆ 9.30-11.30      **SESSION I**

## **APPLICATION OF ARTIFICIAL INTELLIGENCE IN THE DEVELOPMENT OF NEW THERAPEUTIC AND DIAGNOSTIC TOOLS FOR CANCER**

Chair: **Dr. Xosé Bustelo**, Centro de Investigación del Cáncer de Salamanca, Salamanca

⇒ 9.30-10.00

**Manel Esteller**, Instituto de Investigación contra la Leucemia Josep Carreras, Barcelona

Title: **Cancer epigenetics: from knowledge to applications**

⇒ 10.00-10.30

**Marcos Ortega Hortas**, Universidade da Coruña, A Coruña

Title: **The value of artificial intelligence: more humane healthcare systems through technology**

⇒ 10.30-11.00

**Javier de las Rivas**, Centro de Investigación del Cáncer de Salamanca, Salamanca  
Title: **Finding biomarkers and prognostic signatures in cancer from single-cell data using machine and deep-learning techniques**

⇒ 11.00-11.15

**Angélica Figueroa**, Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC), A Coruña

Title: **Novel colorectal cancer biomarkers based on the molecular classification to stratify poor prognosis patients using machine-learning techniques**

⇒ 11.15-11.30

**Dr. Alejandro Pazos**, Universidade da Coruña (UDC), A Coruña

Title: **Precision medicine in cancer: what artificial intelligence can do for you**

◆ 11:30-12.00 BREAK

◆ 12.00-14.00 **SESSION II**

## **THE IMMUNE SYSTEM, MECHANISMS OF RESISTANCE TO ANTITUMORAL THERAPIES AND NEW THERAPIES**

Chair: **Dra. Rosario García Campelo**

⇒12.00-12.30

**Dra. Federica Marchesi**, Humanitas Clinical and Research Center, Milán, Italia

Title: **Integration of AI-powered digital pathology tools to profile the tumor microenvironment**

⇒ 12.30-13.00

**Dra. María José Oliveira**, i3S, Instituto de Investigação e Inovação em Saúde, Porto, Portugal

Title: **Unveiling the role of the tumor microenvironment for the development of immunomodulatory therapies**

⇒ 13.00-13.15

**Dr. Fernando Torres Andón**, Grupo de Investigación de Oncología, Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC), A Coruña, España

Title: **Therapeutic reprogramming of tumor associated macrophages (TAMs) for the treatment of solid tumors**

⇒ 13.15-13.30

**Dra. Lara García Varela**, Molecular Imaging and Nuclear Medicine Department at Hospital Clínico Santiago de Compostela, IDIS and University of Santiago de Compostela, España

Title: **Inmuno-PET and teragnosis**

⇒ 13.30-13.45

**Dra. Mónica Martínez Fernández**, Unidad Traslacional de Oncología Molecular, Instituto Investigación Sanitaria Galicia Sur, Vigo, España

Title: **Baseline biomarkers to predict clinical outcome of immunotherapy**

⇒ 13.45-14.00

**Dr. Manuel Fernández Bruno**, Servicio de Oncología Médica, Unidad de Tumores Torácicos, Complejo Hospitalario Universitario A Coruña, España

Title: **Immunotherapy in lung cancer: new strategies**

◆ 14.00-15.00 LUNCH

◆ 15.00-16.30 **SESSION III**

## Young Researchers – SELECTED SHORT TALKS

Chairs: **Dr. Fernando Torres Andón**, Instituto de Investigación Biomédica A Coruña (INIBIC-CHUAC)

**Dra. Mónica Lamas Maceiras**, Universidade da Coruña (UDC)

◆ 16.30-17:00 **PRIZES AND CLOSURE**

**VENUE:** Salón de Actos  
Complejo Hospitalario Universitario de A Coruña (CHUAC)

**DEADLINES:**

**For Abstracts:** 10th May 2024

Send by email: [oceano@oceano-azul.es](mailto:oceano@oceano-azul.es)  
(for submission of abstract for posters and short talk session)

**For Registration:** 24th May 2024

(Registration here)

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