

#ibcgc2024

IX Edition

Biomedical Cancer Research Conference

A Coruña,
29th May 2024



Technical Secretariat: **Océano Azul Comunicación**
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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)

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

SCIENTIFIC COMMITTEE

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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-INIBIC)

◆ 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
(for submission of abstract for posters and short talk session)

For Registration: 24th May 2024

(Registration here)

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