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THE UNIVERSITY OF TEXAS  
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**Ana Patiño-García**, PhD  
**Rubén Pío**, PhD  
**Mariano Ponz-Sarvisé**, MD, PhD  
**Ignacio Wistuba**, MD

Venue

**Universidad de Navarra**  
Av. de Pío XII, 55  
31008 Pamplona, Spain

Accreditation

An application has been made to the Commission on Continuing Education  
of Health Professionals of the Community of Madrid

Workshop Secretariat

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MEDICAL EVENTS SPECIALISTS

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PAMPLONA, SPAIN

MAY 14<sup>TH</sup>-15<sup>TH</sup> 2020

III International Workshop on

# GENOMIC TESTING IN CANCER

TOWARDS AN IMMUNE-GENOMIC  
APPROACH FOR CANCER TREATMENT

Co-Chairs:

**Ignacio Gil-Bazo**, Clínica Universidad de Navarra - Pamplona, Spain  
**Antonio González-Martín**, Clínica Universidad de Navarra - Madrid, Spain  
**Juan Jose Lasarte**, CIMA, Universidad de Navarra, Pamplona, Spain  
**Ignacio Wistuba**, MD Anderson Cancer Center, USA

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[www.cun.es/genomicscancer](http://www.cun.es/genomicscancer)

# III International Workshop on GENOMIC TESTING IN CANCER

This workshop aims to develop a theoretical and practical framework for the presentation of the most relevant and novel immune-genomic approaches for the personalized diagnosis and treatment of cancer. In this workshop, relevant international key opinion leaders will present the most updated strategies for cancer management, from immunotherapy to biomarkers, clinical trials and cell therapies for the treatment of solid malignancies.

Oriented to clinical oncologists and other medical professionals involved in cancer management, this workshop aims to be an update on the techniques and strategies, both at the laboratory and the clinical oncology setting. We are willing to receive you in Pamplona, for a fruitful learning based on clinical cases, presentations and discussion with leading experts in oncology.

## Thursday May 14<sup>th</sup>

11:00 - 11:30

### Welcome

Jesús San Miguel

Head of Clinical and Translational Medicine, Clínica Universidad de Navarra.

Ignacio Wistuba

Co-Chair, III International Workshop, MD Anderson Cancer Center, Houston, USA.

Antonio González

Co-Chair, III International Workshop, Clínica Universidad de Navarra, Madrid, Spain.

Juan José Lasarte

Co-Chair, III International Workshop, CIMA, Universidad de Navarra, Pamplona, Spain.

Ignacio Gil-Bazo

Co-Chair, III International Workshop, Clínica Universidad de Navarra, Pamplona, Spain.

11:30 - 12:30

### Keynote Session

Chairs

Enriqueta Felip

Hospital Univ. Vall d' Hebron, Barcelona, Spain

Luis Montuenga

Centro de Investigación Médica Aplicada (CIMA), Pamplona, Spain

### Genomic testing as a key tool in precision medicine

Mariano Barbacid

CNIO, Madrid, Spain

12:30 - 14:30

## SESSION I GENOMICS AND IMMUNOTHERAPY

Chairs

Miguel F. Sanmamed

Clínica Universidad de Navarra, Pamplona, Spain

Rubén Pío

Centro de Investigación Médica Aplicada (CIMA), Pamplona, Spain

12:30-13:00

### Genomic biomarkers in immunotherapy

Tak Wah Mak

Princess Margaret Cancer Centre, Toronto, Canada

13:10-13:40

### Neoantigen-directed immune escape in lung cancer evolution

TBC

13:50-14:20

### Understanding the immune microenvironment in cancer

Ignacio Wistuba

MD Anderson Cancer Center, Houston, USA

14:30 - 15:30

### Lunch and Poster Sessions

15:30 - 18:10

## SESSION II A GENOMIC APPROACH FOR TREATING PATIENTS I

Chairs

José María López-Picazo

Clínica Universidad de Navarra, Pamplona, Spain.

Mariano Ponz-Sarvisé

Clínica Universidad de Navarra, Pamplona, Spain.

15:30 - 16:00

### Genomic testing in clinical trials

Lilliam L. Siu

Princess Margaret Cancer Centre, Toronto, Canada

16:10 - 16:40

### Use of new targeted agents using genomic testing, NTRK as an example

Elena Garralda

Vall d'Hebron University Hospital, Barcelona, Spain

16:50 - 17:20

### New Era in Pancreatic Cancer, germinal testing for patient's treatment

Teresa Macarulla

Vall d'Hebron University Hospital, Barcelona, Spain

17:30 - 18:00

### Genomic testing after progression to genomic testing, the MATCH R Trial

Antoine Hollebecque

DITEP, Gustave Roussy, Paris, France

18:10 - 18:30

### Coffee Break

18:30 - 20:30

## SESSION III BIG DATA IN CANCER

Chairs

Clara Montagut

Hospital del Mar, Barcelona, Spain

Ana Patiño

Clínica Universidad de Navarra y CIMA LAB Diagnostics, Universidad de Navarra, Pamplona, Spain

18:30 - 19:00

### Molecular subtypes of colorectal cancer

Rodrigo Dientsmann

Vall d'Hebron University Hospital, Barcelona, Spain

19:10 - 19:40

### How to interpret mismatch repair deficiency in predicting response to immunotherapy

TBC

19:50 - 20:20

### Somatic mutation and clonal expansion in human tissues

Iñigo Martincorena

Sanger Insitute, Cambridge, UK

20:30 - 21:30

### Welcome Cocktail

## Friday, May 15<sup>th</sup>

08:30 - 11:10

## SESSION IV A GENOMIC APPROACH FOR TREATING PATIENTS II

Chairs

Juan José Lasarte

Centro de Investigación Médica Aplicada (CIMA), Pamplona, Spain

Javier Rodríguez

Clínica Universidad de Navarra, Pamplona, Spain.

08:30 - 09:00

### Novel clinical trial designs in Adoptive Cell Therapy approaches

TBC

09:10-09:40

### Adoptive cell therapy for the treatment of solid tumors

Alexandre Harari

Centre hospitalier universitaire vaudois, Lausanne, Switzerland

09:50 - 10:20

### Challenges and opportunities in CAR-T cell development against solid malignancies

TBC

10:30 - 11:00

### CAR-T Cell toxicity

Ana Alfonso

Clínica Universidad de Navarra, Pamplona, Spain

11:10 - 11:40

### Coffee Break

11:40 - 13:40

## SESSION V FUTURE PERSPECTIVES

Chairs

Ignacio Gil-Bazo

Clínica Universidad de Navarra, Pamplona, Spain

Mariano Provencio

Hospital Puerta de Hierro, Madrid, Spain

11:40 - 12:10

### Tumor Mutational Burden as a predictor of response to immunotherapy

David Gandara

UC Davis Cancer Center, Sacramento, CA, USA

12:20 - 12:50

### The future of cancer genomics

Lilliam L. Siu

Princess Margaret Cancer Centre, Toronto, Canada

13:00 - 13:30

### Liquid biopsy for ctDNA NGS and cfRNA in diagnosis and evaluation of clinical responses

Luis Raez

Memorial Cancer Institute, Miami, USA

13:40 - 14:00

### Closing Remarks

Ignacio Wistuba

MD Anderson Cancer Center, Houston, USA

Ignacio Gil-Bazo

Clínica Universidad de Navarra, Pamplona, Spain