



Unión Europea
Fondo Social Europeo



INSTITUTO CANARIO DE INVESTIGACIÓN DEL CÁNCER



3rd Meeting YCIC

Young Cancer Investigators of the Canary Islands

1st Meeting YBIM

Young Biomedical Investigators of the Macaronesia

November 9–10th, 2006

Instituto Universitario de Bio–Orgánica Antonio González

University of La Laguna, Tenerife, Canary Islands



Scientific Committee

Chairman: Sergio Moreno, CIC Salamanca

Víctor S. Martín, ULL	Paula Castilho, UMA, Madeira
Enrique Martínez, ULL	Manuela Lima, UA, Azores
Ángel G. Ravelo, ULL & ICIC	Miguel Fernández Braña, CEU, Madrid
Antonio Cabrera de León, ULL & ICIC	Nicolás Díaz Chico, ULPGC & ICIC
Javier Dorta Delgado, SCS & ICIC	Fernando García Tellado, CSIC

Local Organizing Committee

José M. Padrón, Rubén P. Machín, Leticia G. León, María C. Vega (BioLab, ICIC & ULL)

Raquel Ramírez, Germán Rodríguez (ICIC - ULPGC)

Víctor Díaz Viera (FUNCIS), Francisco Puertas (ICIC)

PROMETEO Coordinator

Rafael Zárate (ULL & ICIC)

Co-Organized by

Gobierno Autónomo de Canarias

Cabildo de Tenerife

Fundación Canaria de Investigación Sanitaria (FUNCIS)

Instituto Canario de Investigación del Cáncer (ICIC)

University of La Laguna (ULL)

University of Azores (UA)

University of Madeira (UMA)

University of Las Palmas (ULPGC)

OBJECTIVES:

1. Facilitate Young Biomedical Researchers of the Macaronesia to communicate their scientific results in a friendly environment.
2. Encourage young and senior biomedical Macaronesian researchers to cooperate in the development of new projects.
3. Obtain the expert advice from six world-class invited biomedical scientists.
4. Start up a Biomedical Research Network in the Macaronesia that will increase the success of future projects nucleated at the **islands**.

REGISTRATION

Participation as speaker in this Meeting will be by invitation of the Organising Committee.

Participation with a poster is offered to any young biomedical investigator (<40 yrs), with preference to those working in the Macaronesian islands.

A limited number of travel grants are available. Please contact with the following persons:

Azores: Dra. Manuela Lima, mlima@notes.uac.pt

Madeira: Dra. Paula Castilho, castilho@uma.pt

Canarias: José M. Padrón, jmpadron@ull.es

LUNCH	14:00–16:00
KEYNOTE LECTURES (I)	16:00–21:00
Sergio Moreno , CSIC, Salamanca Unraveling the mechanism of action of the antitumour drug Yondelis	
Juan Carlos Tercero , PharmaMar, Madrid Molecular markers of response to Yondelis	
Marcos Malumbres , CNIO, Madrid Regulation of the cell cycle by kinases and phosphatases: opportunities for therapeutic intervention	
FRIDAY, NOVEMBER 10, 2006	
YCIC / YBIM session: ANTITUMOR COMPOUNDS Chairmen: Ángel Ravelo and Jim Bischoff	
Patricia Cruz López (15') , ICIC, La Laguna 19-epi-okadaic acid, a new PP1 and PP2a inhibitor	08:45–09:30
José M. Padrón (25') , ICIC, La Laguna Fe(III)-promoted one-pot synthesis of novel marine antiproliferative drug analogs	
YBIM session: INVITED SPEAKERS (I) Chairmen: Leandro Fernández and Antonio Casado	
Miguel X. Fernandes (25') , Univ. Madeira, Funchal Molecular modeling of ligands – balancing specificity using computational methods	09:30–10:30
Enma Carmelo Pascual (25') , ULL, La Laguna DNA segregation in bacteria: the parFG system	
Coffee break	10:30–11:00
YBIM session: INVITED SPEAKERS (II) Chairmen: Víctor S. Martín and Marcos Malumbres	
Francisco J Navarro Rivero (25') , ULL, La Laguna Posttranslational regulation of a yeast nitrate transporter	11:00–12:30
Felix Machín (25') , Hosp. N.S. de Candelaria, Santa Cruz de Tenerife Ribosomal DNA as a model to study genomic instability in cancer	
José Quintana (25') , ULPGC, Las Palmas de Gran Canaria Melatonin-induced apoptosis in the human leukemia cell line HL-60	
Poster session (I) Chairman: Nicolás Díaz Chico	12:30–13:30
LUNCH	13:30–15:30

KEYNOTE LECTURES (II)	15:30-19:00
James R. Bischoff , CNIO, Madrid Aurora Kinases: from gene to drug	
Antonio Casado , Hosp. Univ. San Carlos, Univ. Complutense, Madrid Hormonal Treatment of breast cancer	
Jiri Bartek , Institute of Cancer Biology, Copenhagen, Denmark DNA damage checkpoints: Mechanism and involvement in human cancer	
<p>CLOSING CEREMONY OF THE COURSE ON ANTITUMOR AGENTS</p> <p> Presidente del Gobierno de Canarias Presidente del Cabildo de Tenerife Rector de la Universidad de La Laguna Director de la Oficina de Ciencia y Tecnología Director del Programa Prometeo Decano de Farmacia Director del I.U. de Bio-Orgánica "Antonio González" Director del I.U. de Enfermedades Tropicales Director del IPNA CSIC Director de FUNCIS Presidente de la Fundación ICIC Director del ICIC Director del Curso de Antitumorales Director Científico de la III YCIC / I YBIM Presidente del Comité Organizador de la III YCIC / I YBIM </p>	19:00 - 20:00
DINNER	21:00
SATURDAY, NOVEMBER 11, 2006	
<p>YCIC / YBIM session: PERSPECTIVES IN ANTITUMOR COMPOUNDS RESEARCH IN THE MACARONESIA Chairmen: Eduardo Salido and Fernando G. Tellado</p> <p>José M. Padrón, Leticia G. León, María C. Vega, ICIC, La Laguna Resources of the BioLab for exploring antitumor activity of new compounds</p> <p>Mario Díaz, ULL, Raquel Marín, ULL Resources to study membrane effects of estrogens and antiestrogens.</p> <p>Rubén Pérez Machín, ICIC, ULL Resources to study steroid hormone-like effects of new compounds</p> <p>José Quintana, ULPGC Resources to study apoptotic activity of new compounds</p>	09:30 - 11:30
Coffee break	11:30 - 12:00

YCIC / YBIM session: **PERSPECTIVES IN ANTITUMOR COMPOUNDS RESEARCH IN THE MACARONESIA**
Chairmen: Nicolás Díaz Chico and Leandro Fernández

Elisa Pérez Sacau ICIC, La Laguna, and **Miguel X. Fernandes**, Univ. Madeira, Funchal
Molecular modeling of ligands in antitumor drug discovery

Present and future projects on drug discovery based on the Macaronesian biodiversity.

Open discussion conducted by the chairmen.

Concluding remarks.

11:30–13:30

Lunch

14:00