

10th CIBER-BBN

Annual Conference

ciber-bbn
Centro de Investigación Biomédica en Red
Bioingeniería, Biomateriales y Nanomedicina

SEVILLA

NOVEMBER 28-29
2016



09.00 - 09.30 REGISTRATION.

09.30 - 10.15 OPENING SESSION + INITIATION TO RESEARCH AWARDS.

Dr. Julián Martínez Fernández.

Vice Chancellor of Research, University of Sevilla.

Dr. Manuel García León.

General Director of Research and Knowledge Transference, Regional Government of Andalusia.

Dr. Ramón Martínez Máñez.

CIBER-BBN Scientific Director.

10.15 - 11.15 SCIENTIFIC SESSION NR. 1. INFECTIONS IN IMPLANTS.

Chair: Dr. Julio San Román.

● **TREATMENT OPTIONS FOR TOTAL ARTHROPLASTY INFECTIONS.**

Dr. Basilio de la Torre.

Head of Service Orthopaedic Surgery, Hospital Ramón y Cajal, Madrid.

● **INFECTED TOTAL ARTHROPLASTY IN ONE STAGE.**

Dr. Guillem Bori.

Service of Orthopaedic Surgery and Traumatology, Hospital Clinic, Barcelona.

● **MAY WE SAVE AND CURE AN INFECTED JOINT?**

Dr. Javier Cobo Reinoso.

Service of Infectious Diseases, Hospital Ramón y Cajal, Madrid.

11.15 - 12.00 ■ COFFEE/ POSTERS.

12.00 - 13.00 SCIENTIFIC SESSION NR. 2. NEUROLOGICAL DISORDERS.

Chair: Dr. Jordi Aguiló.

● **TRENDS IN THE EVALUATION AND FUNDING OF NEUROSCIENCE RESEARCH PROJECTS IN THE NIH.**

Dr. René Etcheberrigaray.

Deputy Director of the Center for Scientific Review (CSR) at NIH, EEUU.

● **CHALLENGES AND OPPORTUNITIES IN NEURODEGENERATIVE DISEASES RESEARCH.**

Dr. Miguel Medina.

Deputy Scientific Director CIBERNED.

● **BIOMARKERS IN PARKINSON'S DISEASE: AN OVERVIEW.**

Dr. María José Martí.

Head of the Parkinson Disease and Movement Disorders Unit, Hospital Clínic, Barcelona.

13.00 - 14.00 SCIENTIFIC SESSION NR. 3. CANCER.**Chair: Dr. Ramón Mangues.**

- PRESENT STATUS AND CHALLENGES IN CANCER THERAPY.

Dr. Joan Albanell.*Head of Service of Medical Oncology, Hospital del Mar, Barcelona.*

- UNMET CLINICAL NEEDS IN CANCER: A PATHOLOGIST'S VIEW.

Dr. Enrique de Álava.*Head of Service Anatomical Pathology, Hospital Virgen del Rocío, IBIS, Sevilla.*

- CHALLENGES IN THE MANAGEMENT OF PATIENTS WITH HEMATOLOGIC MALIGNANCIES: FOCUS IN ACUTE LEUKEMIA AND TRANSPLANTATION.

Dr. José Antonio Pérez Simón.*Head of Service of Hematology and Hemotherapy Hospital Virgen del Rocío, IBIS, Sevilla.***14.00 - 15.30 LUNCH.****15.30 - 16.30 PARALLEL DEBATES FOR SCIENTIFIC SESSIONS NR 1, 2, 3.****16.30 - 17.25 POSTERS / COFFEE.****17.25 - 19.00 SCIENTIFIC SESSION NR. 4. NANBIOSIS, CIBER-BBN INFRASTRUCTURE.****Chair: Dr. Jaume Veciana.**

- INTRODUCTION TO ICTS.

Dr. Angela Fernández Curto.*General Deputy Assistant Director of Major Scientific and Technological Infrastructures. Ministry of Economy and Competitiveness.*

- BIOMOLECULES PRODUCTION PLATFORM: 2 SUCCESS STORIES.

Dr. Pilar Marco. *Head of Unit 2.*

- BIOMATERIALS AND NANOMATERIALS PRODUCTION PLATFORM: 2 SUCCESS STORIES.

Dr. Nora Ventosa. *Head of Unit 6.*

- TISSUE, BIOMATERIAL AND SURFACES CHARACTERIZATION PLATFORM: 2 SUCCESS STORIES.

Dr. Ramón Mangues. *Head of Unit 18.*

- BIOIMAGING PLATFORM: 2 SUCCESS STORIES.

Dr. Ibane Abásolo. *Coordinator of Unit 20.*

- HIGH PERFORMANCE COMPUTING PLATFORM: 1 SUCCESS STORY.

Dr. Pablo Laguna. *Head of Unit 27.*

- JUMISC UNITS: 2 SUCCESS STORIES.

Dr. Francisco Miguel Sánchez-Margallo. *Director of JUMISC.***19.00 - 20.00 INTERNAL MEETING: NANBIOSIS SCIENTIFIC ADVISORY BOARD.****20.30 BUS TO DINNER.****21.00 DINNER (Location to be defined).**

09.00 - 09.45 **PLENARY LECTURE.**

Chair: Dr. Simó Schwartz.

● **NANOMEDICINE AND CANCER.**

Dr. Alberto Gabizon.

*Director of Oncology Institute at Shaare Zedek Medical Center,
Professor of Oncology at Hebrew University-School of Medicine,
Jerusalem.*

09.45 - 10.45 **NEW CIBER-BBN GROUPS PRESENTATIONS.**

Chair: Dr. Ramón Martínez Máñez.

Dr. Xavier Trepát.

Integrative Cell and Tissue Dynamics Group ,IBEC.

Dr. José Miguel López Higuera.

Photonics Engineering Group, Universidad de Cantabria.

Dr. Jesús Martínez de la Fuente.

*Nanotechnology and Apoptosis Group, Instituto de Ciencia de
Materiales de Aragón (CSIC-UZ).*

10.45 - 11.15 **YOUNG SCIENTIST FORUMS BIOMATERIALS.**

Chairs: Dr. Joana Magalhaes, Dr. María Rosa Aguilar.

● **TWO-WAY TICKET WITHIN THE EUROPEAN SCIENTIFIC LANDSCAPE.**

Dr. Elena Quesada Hernández.

Vicepresident of "Científicos Retornados a España (CRE)".

● **BEACON BIOMEDICINE, A DIFFERENT BIOTECHNOLOGICAL COMPANY.**

Dr. Antonio Molina Pachón.

Founder of Beacon Biomedicine.

11.15 - 12.15 **☐ COFFEE / POSTERS.**

12.15 - 13.00 **PLENARY LECTURE.**

Chair: Dr. Julio San Román.

● **REDEFINING IDENTITY OF DISEASE, TISSUE AND CELLS -
A BIOMATERIALS PARADIGM.**

Dr. Abhay Pandit.

*Scientific Director of the Centre for Research in Medical Devices
(CÚRAM), National University of Ireland, Galway.*

13.00 - 14.00 CANCER RESEARCH PROJECTS IN COLLABORATION WITH ECO FOUNDATION.

Chair: Dr. M^a Pilar Marco.

- **NANOPETSTEM - DOUBLE SWORD OF MESENCHYMAL STEM CELLS ON THERANOSTICS: AS TROJAN HORSES CONTAINING PLASMONIC NANOPARTICLES FOR OPTICAL HYPERTHERMIA AND AS BEACONS FOR CELLULAR VISUALIZATION IN METASTASES.**

Dr. Jesús Santamaría.

Nanostructured Films and Particles Group.

- **SMART₄NB - SMART NANOPARTICLES FOR ADVANCED THERAPY IN PEDIATRIC NEUROBLASTOMA.**

Dr. Alejandro Baeza.

Research Group in Intelligent Biomaterials.

- **NANOVIT - VITAMIN E-BASED NANOPARTICLES FOR THE TREATMENT OF SQUAMOUS HEAD AND NECK CANCER.**

Dr. Julio San Román.

Biomaterials Group (GBP-CSIC).

- **NANO-CAR-THYROID-THERAPY - USE OF THE NANOPARTICLES AS A DELIVERY SYSTEM OF DIFFERENT INHIBITOR MOLECULES FOR CARCINOMA THYROID THERAPY.**

Dr. Eugenia Mato.

Endocrinology and Diabetes Research Group.

14.00 - 14.15 CLOSING.

14.15 - 16.00 ▣ LUNCH / POSTERS.

**16.00 - 18.00 INTERNAL MEETING:
ADVISORY BOARDS AND CIBER-BBN STEERING COMMITTEE.**

General Information

MEETING VENUE:



HOTEL TRYP SEVILLA MACARENA

C/ San Juan de Ribera, 2.
41009 Sevilla
Phone: +34 912 764747

DATE:

November, **28 . 29**, 2016.

FEE INCLUDES:

- Access to all scientific sessions.
- Coffee and soft drinks in scheduled pauses.
- Dinner on Monday 28.

BADGE:

Identification badge will be necessary for admission to the scientific sessions and social events.

MEETING LANGUAGE:

English is the official language of the Meeting.
All slides must be in English.

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ORGANIZING SECRETARIAT:

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