

8TH CIBER-BBN ANNUAL CONFERENCE



AC Hotel Palau de Bellavista
Pujada Polvorins, 1
17004 Girona



NOVEMBER 10, morning

8:45 **REGISTRATION**

9:30 **OPENING SESSION / Salón PEDRERAS**

D. Miguel Ángel Bañares, Deputy VicePresident for Scientific-Technical Fields, CSIC

D. Carles Puigdemont i Casamajó, Alcalde de Girona

D. Pablo Laguna Lasosa, CIBER-BBN Scientific Director

NEUROLOGY

Salón PEDRERAS

Chairperson: M^a José Martí
Hospital Clínico, Barcelona

Co-chair: Domènec Ros

RESPIRATORY DISEASES

Salón ONYAR

Chairperson: Ferrán Barbé
Hospital de Lleida, Director Científico de CIBERES

Co-chair: Jordi Aguiló

10:15 **Neuro 1** - OPTOGEN / Lawrence Humphreys

10:30 **Neuro 2** - NANOXEN++ / Pau Gorostiza

10:45 **Neuro 3** - B-CUBE / José Yeste

10:30 **Resp Dis 1** - MUDIRES-2PSD / Raimon Jané

10:45 **Resp Dis 2** - ULTRASEN-4BIO-2MD / Elena Laukhina

11:00 **COFFEE BREAK**

11:30 **Neuro 4** - ORDECA / José Vidal

11:45 **Neuro 5** - MITP / Albert Cot

12:00 **Neuro 6** - NANO3B / Conxita Solans

12:15 **Neuro 7** - DEMVAS / Raúl Tudela

12:30 **Neuro 8** - Neuroactive tryptophan metabolites as potential biomarkers for the diagnosis of neurodegenerative diseases and neurological disorders / Montserrat Rodríguez

12:45 **Neuro 9** - Towards a Body Area Network to Measure Stress Levels / Raquel Bailón

11:30 **Resp Dis 3** - NANOBIOSEPRES / Carme Pastells

11:45 **Resp Dis 4** - NANOCOPD / Fernando Herranz

12:00 **Resp Dis 5** - Applications of a smart bioimpedance sensor / Javier Reina

13:00 **LUNCH**

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NOVEMBER 10, afternoon

14:15

PLENARY SESSION / *Salón PEDRERAS*

Chairperson: Simó Schwartz

Overview of the development of nanomedicine in Europe and the next trends, Patrick Boisseau, European Technology Platform on Nanomedicine

INFECTIOUS DISEASES

Salón ONYAR

Chairperson:

Jordi Rello
Hospital Vall d'Hebrón,
Barcelona, IP CIBERES

Co-chair:

M. Pilar Marco

MUSCULOSKELETAL DISEASES

Salón TER

Chairperson:

Eduardo García Rey
Hospital La Paz, Madrid

Co-chair:

José Becerra

OPHTHALMOLOGY

Salón GUELL

Chairperson:

Isabel Pinilla
Hospital Clínico Universitario Lozano
Blesa, Zaragoza

Co-chair:

Margarita Calonge

15:15

Inf dis 1 - MAGNETO-NH IA / Juan Pablo Salvador

15:30

Inf dis 2 - TBIO-GATE / Ramón Martínez

15:45

Inf dis 3 - GLYCOHIV3 / Soledad Penadés

16:00

Inf dis 4 - PCP-SENS / Laura Lechuga

15:15

Musc 1 - HOT-SCAFF / Nuria Vilaboa

15:30

Musc 2 - DYNAMIC-VASC / Inma Ratera

15:45

Musc 3 - CHONDRONANONET / Anna Lagunas

16:00

Musc 4 - BIOROTATOR / Miguel Ángel Mateos

15:15

Ophth 1 - NANO-OPHTHAL / Santiago Sala

15:30

Ophth 2 - TEA / Eduardo Fernández

15:45

Ophth 3 - EYE-POC / Amalia Enríquez de Salamanca

16:00

Ophth 4 - SYLENT-EYE / Ramón Eritja (*)

YOUNG SCIENTIST FORUM ON BIOMATERIALS

Salón TER

Chairs: Joana Cristina Silva / M. Rosa Aguilar

16:15

Inf dis 5 - NANOANTILATHIV / Blanca González

16:30

Inf dis 6 - PLADEBACT / Javier Reina

16:45

Inf dis 7 - HEPATO-POC / Laura Lechuga

16:15

CIBER-BBN YSF in Biomaterials Award 2012-2014

16:30

"Dermoglass: Our experience in Crowdfunding" / Elisabeth Engel

16:45

"Bioinicia"/José M. Lagaron (IATA-CSIC, Bioinicia)

17:00

COFFEE BREAK

POSTERS SESSION

CARDIOLOGY

Salón ONYAR

Chairperson:

Arcadi García
Hospital Virgen de la Arrixaca,
Murcia

Co-chair:

Pablo Laguna

IMPLANTS

Salón TER

Chairperson:

Eduardo García Rey
Hospital La Paz, Madrid

Co-chair:

José Becerra

RARE DISEASES

Salón GUELL

Chairperson:

Pilar Giraldo
Hospital Miguel Servet, Zaragoza, IP
CIBERER

Co-chair:

Jesús Santamaría

18:00

Card 1 - PSVALVE / Miguel Ángel Martínez

18:15

Card 2 - INTER-CARDIO / Esther Pueyo

18:30

Card 3 - NATRIP / Elisabet Prats

18:00

Impl 1 - BIOMIMESH / Gemma Pascual

18:15

Impl 2 - BIOSURFACES / José Luis Gómez

18:30

Impl 3 - SPRING / Ramón Martínez

18:00

Rare dis 1 - NANOLYSO / Ibane Abasolo

18:15

Rare dis 2 - LIPOCELL / Nora Ventosa (*)

18:30

Rare dis 3 - Molecular links between Diabetes and Neurodegenerative Disorders / Ángel Raya

CHRONIC DISEASES

Salón GUELL

Chairperson:

Pilar Giraldo
Hospital Miguel Servet, Zaragoza, IP
CIBERER

Co-chair:

Jesús Santamaría

18:45

Card 4 - Development of a PoC device for therapeutic drug monitoring: Sintrom® case / Juan Pablo Salvador

18:45

Impl 4 - BIOWOUND / Soledad Pérez-Amodio

19:00

Impl 5 - 3D-TimpTE / Leonor Santos

18:45

Chr dis 1 - DIAB-SUPPORT / Elena Hernando

19:00

Chr dis 2 - e-Health as catalyst of the evolution of the health domain. Application to renal patients / Javier Reina

19:30

BUSES

20:30

DINNER. HOTEL CARLEMANY. Plaza Miquel Santaló i Pavor, 1

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NOVEMBER 11

8:00 PLENARY SESSION / *Salón PEDRERAS*

Chairperson: José Becerra

Nanoparticulate biomaterials for gene and drug delivery, Matthias Epple, Centre for Medical Biotechnology, Universität Duisburg-Essen

ONCOLOGY, Part 1

Salón PEDRERAS

Chairperson: Antonio José Conde
Instituto de Oncología. Hospital de Castellón
Co-chair: Simó Schwartz

- 9:00 **Onco 1** - NANOHYPERTHERMIA / José Javier Serrano
- 9:15 **Onco 2** - MOLGLIO / Carles Arús
- 9:30 **Onco 3** - NANOMETS / Ramón Mangues
- 9:45 **Onco 4** - E-LEUKEMIA / Pau Gorostiza
- 10:00 **Onco 5** - NAVISURG / Enrique Gómez
- 10:15 **Onco 6** - NANOPROTHER / Antonio Villaverde

10:30 COFFEE BREAK

NEW RESEARCH LINES: ADVANCES IN THE DEPLOYMENT OF THE RESEARCH CAREER / *Salón PEDRERAS*

Chairman: Pablo Laguna

- 11:00 **NL 1** - Fabrication of hybrid carbon nanotubes-hydrogel biomaterial for muscle tissue engineering / Javier Ramón Azcón
- 11:15 **NL 2** - Splenon-on-a-chip biomimetic platform / Josep Samitier
- 11:30 **NL 3** - Mechanics at the single cell level: in search for new biomarkers / Marco Ribezzi
- 11:45 **NL 4** - Personalized advanced therapies through the use of human stem cells / Josep M. Canals
- 12:00 **NL 5** - Medical Nanotechnology and ICT / Javier Reina
- 12:15 **NL 6** - Graphene in Neurology / Gemma Gabriel
- 12:30 **NL 7** - Glycan-stabilized plasmonic nanoparticles: An attractive nanomaterial for bio-applications / Isabel García
- 12:45 **NL 8** - Combined computational, experimental and clinical analysis of cardiac electrical activity in health and disease / Esther Pueyo
- 13:00 **NL 9** - Cancer Nanotechnology and Whole-body Non-invasive Imaging: Future Preclinical Perspectives / Yolanda Fernández

13:15 LUNCH

ONCOLOGY, Part 2

Salón PEDRERAS

Chairperson: Antonio José Conde
Instituto de Oncología. Hospital de Castellón
Co-chair: Simó Schwartz

- 14:30 **Onco 7** - COLOCOMB / Miriam Royo
- 14:45 **Onco 8** - NAVITE / Julio San Román
- 15:00 **Onco 9** - PENTRI / Petra Gener
- 15:15 **Onco 10** - LINATO / Ramón Eritja
- 15:30 **Onco 11** - TOGLIOTHER / Jerónimo Blanco
- 15:45 **Onco 12** - SMART4NB / Alejandro Baeza
- 16:00 **Onco 13** - NANOVIT / M. Rosa Aguilar
- 16:15 **Onco 14** - MIRNAMET / Timothy Thomson
- 16:30 **Onco 15** - NANOPETSTEM / Jesús Santamaría
- 16:45 **Onco 16** - MICROANGIOTHECAN / Ignacio Ochoa
- 17:00 **Onco 17** - Force spectroscopy of anticancer drugs binding nucleic acids / Félix Ritort
- 17:15 **Onco 18** - VDACC2 protein could represent a novel therapeutic target in epithelial thyroid carcinoma with an aggressive behaviour / Eugenia Mato

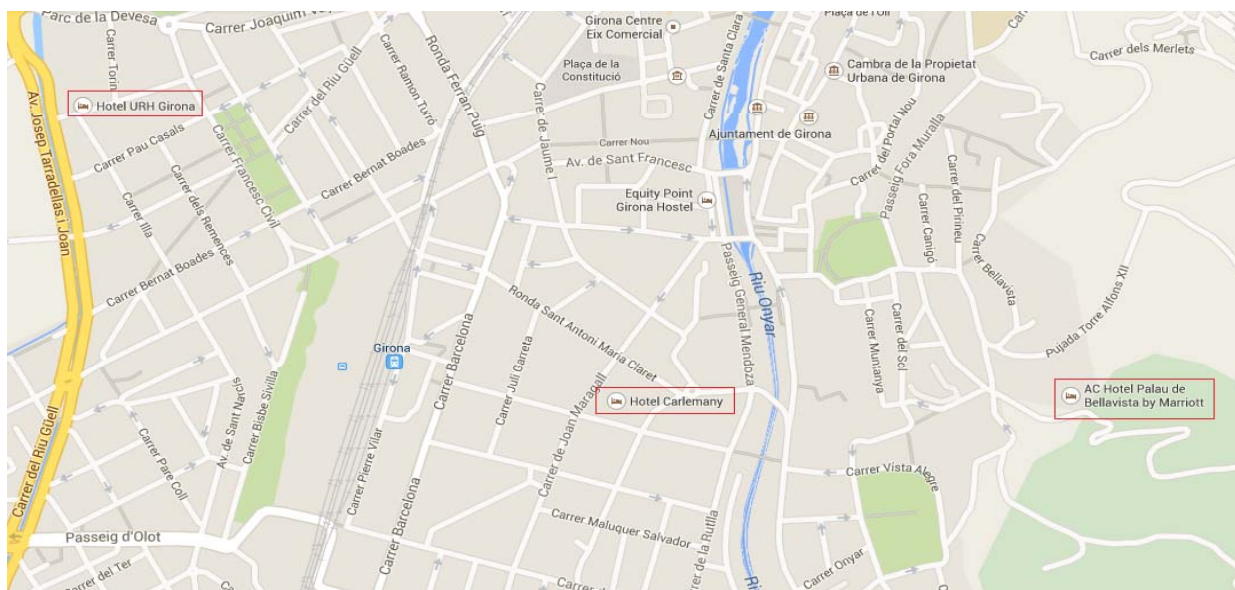
17:30 END OF THE CONFERENCE

18:30 - 20:00 ADVISORY BOARDS AND STEERING COMMITTEE MEETING / *Salón ONYAR*

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17004 Girona



CONFERENCE VENUE:	AC Hotel Palau de Bellavista	Pujada Polvorins, 1, Girona, 17004 tel.: +34 872080670
ACCOMODATION:	Hotel Girona URH	Mossén Joan Pons, 1, Girona, 17001 tel.: +34 972414600
RECEPTION/CONFERENCE DINNER:	Hotel Carlemany	Plaça Miquel Santaló, Girona, 17002 tel.: +34 97221212

Shuttle bus:

On Monday 10th and Tuesday 11th a shuttle bus will connect the three hotels and the Girona railway station according to the following routes/timetable:

Monday morning:

Hotel URH (8.10 a.m.) --> Central Railway Station (8.20 a.m.) --> AC Hotel Palau Bellavista (8.30 a.m.)

Monday evening:

AC Hotel Palau Bellavista (19.30) --> Hotel URH (19.50) --> AC Hotel Palau Bellavista (20.10) --> Hotel Carlemany (20.20)

Tuesday morning:

Hotel URH (7.30 a.m.) --> AC Hotel Palau Bellavista (7.50 a.m.)

Taxi Girona

tel.: +34 972 222 323

Public transport (buses):

Line 7 connects AC Hotel Bellavista with Girona Central Railway station every 30 min from 7.30 a.m. till 22.00 p.m.

[more Info](#)

During the Conference, **Free Wi-Fi Internet Connection will be provided** at AC Hotel Palau Bellavista (no password required).

Posters will be exposed on both days of the conference.

Exhibitors are invited to hang their poster up at the assigned panel on Monday morning and take it down on Tuesday evening.

Speakers are kindly requested to hand their presentation in .ppt or .pdf format to Dr. Johanna Sheper at the registration desk on Monday morning.