



III WORKSHOP INTERNATIONAL BIOCAPS – 2015 (& 1st Spanish National Symposium in Incretins)

TITLE:

DIABESITY new strategic targets and incretins.

DATES: 22-24th/OCTOBER/2015.

ORGANIZING INSTITUTION:

*Instituto de Investigación Biomédica
de Vigo
Centre for Biomedical Research
(CINBIO) – Univ. Vigo*

Supporting funds:

Biocaps EU Project

Scientific support by

*- University of Vigo - Spain
- SEEN (Sociedad Española de
Endocrinología y Nutrición)*

Organizing committee

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Federico Mallo



III BIOCAPS WORKSHOP – IN BRIEF

DIABESITY. NEW STRATEGIC TARGETS AND INCRETINS

The workshop pretends to get deeper insight in the frontline research in pathophysiology of diabetes, attending to the treatments with incretins and the new incretin derivatives and going beyond their insulinotropic actions to incretin pleiotropic activities in tissues and organs. The Workshop includes seven different sessions related to the following research areas:

1. Adipose tissue,
2. Obesity,
3. Cardiovascular system and kidneys,
4. Neuropathology,
5. Inflammation and Immunity,
6. Beyond borders (lung, gonads, bone...)
7. New pharmacological insights

All sessions consist of 3 - 4 lectures of 20-25 minutes with additional time for discussion, and they will include basic, translational and clinical presentations by selected international experts in every specific field. We are looking for a comprehensive and updated review of what is expected in the next upcoming years respect new pathophysiological insight, developments and applications of incretins and derivative molecules to obesity and diabetes. We feel this exciting event will cite some of the most outstanding researches and endocrinologists from different European countries in a friendly and stimulating environment to encourage the scientific discussion.

Biocaps EU project will hold and support the expenses of organizing the meeting, and since the registration will be free for all attendants, and also the travelling and accommodation expenses for invited speakers.

The official language for all presentations will be the English, and there will not be translation facilities.

Vigo is a city in the northwestern Atlantic coast of Spain, with very good gastronomy, beautiful nature at the seaside and mild climate.



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DRAFT PROGRAM

Thursday. (22/10/2015)

- 15.30 – Poster display and registration desk opening
- 16.00 – Welcome venue with coffee
- 16.30- 18.15 – Session 1: Adipose Tissue Pathophysiology
- 18.15 – Opening conference
- 19.00 – Opening official ceremony

Friday. (23/10/2015)

- 9.00 – 10.30 – Session 2. Neuroendocrinology
- 10.30 – 11.00 – Coffee break
- 11.00-13.00 – Session 3. Neuropathology
- 13.00-13.30 – Poster visiting and discussion
- 13.30-14.30 - Lunch
- 14.30-16.00 – Session 4. Cardiovascular & Inflammation
- 16.00-16.30 – Coffee break
- 16.30 – 17.15 – Plenary Lecture
- 20.30 – Speakers Dinner

Saturday. (24/10/2015)

- 9.30-11.30 – Session 5. Beyond borders
- 11.30-12.00 – Coffee break
- 12.00-12.45 – Closure Conference
- 12.45-13.00 – Closing ceremony
- 13.00 – Departure Lunch



SESSIONS AND TOPICS.

1. Adipose tissue pathophysiology

- a. *Exploring atypical adipokines in the regulation of insulin sensitivity.*
 - Dr. S. Ussar (IDO – Munich)
- b. *GLP-1 in adipose tissue of obese subjects*
 - Prof. M. Malagón (U.Cordoba)
- c. *Gut hormones after bariatric surgery: GLP-1.*
 - Prof. M. Monteiro (U. Porto)

2. Neuroendocrinology

- a. *GLP-1 in the hypothalamic food intake regulation*
 - R. Nogueiras (U. Santiago de Compostela)
- b. *GLP-1 regulation of reproductive system*
 - E. Vigo (UVigo)
- c. *Targeting Hypothalamic obesity*
 - C. Clemmensen (IDO- Munich)

3. Neuropathology

- a. *GLP-1 in human addiction circuits and behaviors*
 - K. Skibicka (U. Gothenburg)
- b. *GLP-1 in Parkinson*
 - I. Avilés-Olmos (Sobell Institute – London)
- c. *GLP-1 in retina*
 - R. Simó (H. Vall d'Hebron. Barcelona)

4. Cardiovascular & Inflammation

- a. *GLP-1 in atherosclerosis.*
 - M. Puig (H. Trias-Puyol. Barcelona)
- b. *GLP-1 signalling and the heart.*
 - S. Ravassa (FIMA – U. Navarra)
- c. *Microbiota and incretins*
 - Prof. A. Halsberger (U. Vienne)



5. **Beyond Borders**

- a. *Surfactant in diabetes*
 - J.M. Fernández-Real (U.Girona)
- b. *GLP-1 in the lung and diabetes*
 - M. Romani (U. Bordeaux-2)
- c. *Grape-seed proanthocyanidins modulate active glucagon-like peptide-1 (GLP-1) levels*
 - A. Ardevol (U. Rovira I Virgili)
- d. *New drugs on perspective for treating diabetes*
 - J. Salvador (U. Navarra)

OPENING CONFERENCE:

New frontiers in incretin's biology: GLP-2

F. Mule (U.Palermo)

PLENARY LECTURE:

Incretin therapy in obesity and inflammation

D. O'Shea (St. Vincents'H – Dublin)

CLAUSURE CONFERENCE:

Next generation of incretin complexes for specific therapeutics

T. Muller (IDO – Munich)



Funded by the
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INVITED SPEAKERS:

| | |
|--------------------------|------------------------------------------------------|
| Ardévol A | <i>(Univ. Rovira i Virgili – Tarragona)</i> |
| Aviles-Olmos I | <i>(Institute of Neurology – Univ. Coll. London)</i> |
| Clemmensen C | <i>(IDO – Munich)</i> |
| Fernández-Real JM | <i>(Univ. Girona)</i> |
| Halsberger AG | <i>(Univ. Vienne)</i> |
| Malagón M | <i>(Univ. Córdoba)</i> |
| Monteiro M | <i>(Univ. Porto)</i> |
| Mule F | <i>(Univ. Palermo)</i> |
| Muller T | <i>(Institute for Diabetes and Obesity – Munich)</i> |
| Nogueiras R | <i>(CIMUS – Univ. Santiago de Compostela)</i> |
| O’Shea D | <i>(Univ. Dublin)</i> |
| Puig-Domingo M | <i>(Univ. Autònoma – Barcelona)</i> |
| Rabassa S | <i>(Univ. Navarra)</i> |
| Romaní M | <i>(Univ. Bordeaux -2)</i> |
| Salvador J | <i>(Univ. Navarra)</i> |
| Skibicka K | <i>(Sahlgrenska Academy – Univ. Gothenburg)</i> |
| Simó R | <i>(H Vall d’Hebron – Barcelona)</i> |
| Ussar S | <i>(Institute for Diabetes and Obesity – Munich)</i> |
| Vigo-Gago EM | <i>(IBIV – CINBIO -Univ. Vigo)</i> |