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

**TITLE:**

*Diabetes* 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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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 diabesity, attending to the treatments with incretins and the new incretin derivates 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 it is expected in the next upcoming years respect new pathophysiological insight, developments and applications of incretins and derivate 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. **Macrobioota and incretins**
      • Prof. A. Halsberger (U. Vienne)
5. **Beyond Borders**
   a. *Surfactant in diabesity*
      • J.M. Fernández-Real (U.Girona)
   b. *GLP-1 in the lung and diabesity*
      • M. Romaní (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 diabesity*
      • 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)
INVITED SPEAKERS:

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