



ACADEMIA EUROPAEA CARDIFF KNOWLEDGE HUB Newsletter Spring 2018



Professor Ole Petersen CBE FRS, Academic Director, Cardiff Knowledge Hub and Vice-President, Academia Europaea

I start by paying tribute to Judith Lockett, the Hub's Executive Officer, who retires at the end of May. She has worked with me since 2010, when I was Director of Cardiff University's School of Biosciences. Together, we set up the Academia Europaea Cardiff Knowledge Hub in 2015, ready for launch the following year. Since then, she has ensured the success of the Hub's programme of events, as well as overseeing the smooth running of its operations. We wish her a long and happy retirement.



I would also like to thank colleagues, old and new, who came to the symposium held in Cardiff to mark my own milestone birthday in March. Read the report in this Spring newsletter.

Annual report 2017

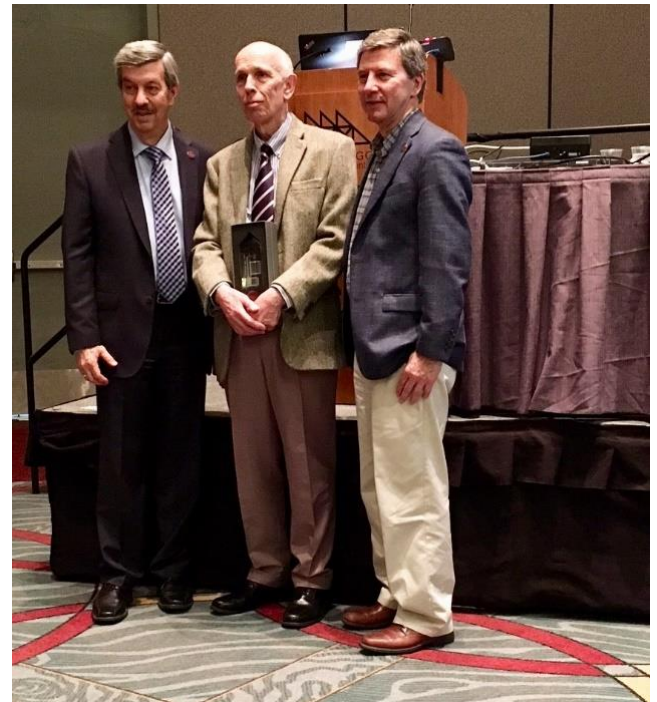


The Hub's Annual Report 2017 is published and available via our [website](http://www.aecardiffknowledgehub.wales).

American Physiological Society (APS) Walter B. Cannon Memorial Award

The Hub's Academic Director, Professor Ole Petersen, is the winner of the *Physiology in Perspective: the Walter B. Cannon Award Lectureship*. This lectureship is the most prestigious award that APS bestows and recognises the lifetime achievement of an outstanding physiological scientist and APS member.

Professor Petersen presented his plenary lecture at EB2018 on *The roles of Ca²⁺ and ATP in pancreatic physiology and pathophysiology*, at the San Diego Convention Center (SDCC) on 22nd April.



Martin Frank (left), Executive Director of the American Physiological Society and Professor Dennis Brown (right), Harvard Medical School and President of the American Physiological Society, presenting Professor Ole Petersen with the Walter B. Cannon Award



Update on the Scientific Advice Mechanism (SAM)

The Hub welcomed three members of the European Commission's SAM Secretariat to Cardiff on 27th March. On 10th April, we hosted a workshop on evidence review methods for SAPEA staff. A small group also enjoyed a weekend social excursion to experience Welsh wildlife and culture, at St David's and Skomer Island.



Skomer Island, West Wales

Recent Events

Physiology and pathophysiology 2018: molecules, cells, organs and systems

The symposium, which took place in Cardiff on 6th/7th March, was organised in celebration of our Academic Director's 75th birthday.

World leaders in the field, with 13 Members of Academia Europaea including 4 Fellows of the Royal Society and 3 Members of the German National Academy of Sciences Leopoldina, presented recent discoveries within wide perspectives. Reflecting the broad interests of Professor Petersen, there was a major focus on intra- and inter-cellular signalling events in a number of different

systems, including the gastro-intestinal tract and the brain.

The symposium was opened by Professor Jim Murray MAE, Head of Cardiff University's School of Biosciences. All speakers congratulated Professor Petersen on his birthday and acknowledged his very considerable scientific achievements, paying tribute to his skill in helping to support and nurture others in developing their scientific careers. The symposium also gave the opportunity for researchers now working with Professor Petersen in Cardiff to showcase their work.



Speakers and Chairs at the symposium, with Professor Petersen

Horizon 2020 energy event, 5th-6th May, Brussels

The Cardiff Hub had an active role in the *Building Consortia for Energy 2018-2020* event organised at Wales House, Brussels, by [Vision 2020](#) along with Cardiff University. Cardiff University is the leader of the Energy Helix, one of fifteen collaboration platforms hosted by Vision 2020. Dr Esther Dorado-Ladera, a member of the Hub team, presented on our behalf.

Forthcoming events

Our next event will be held in September, focusing on science for policy in Wales. Details will be published on our [website](#).