



ACADEMIA EUROPAEA CARDIFF KNOWLEDGE HUB Newsletter Winter 2017-18



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

Update on the European Scientific Advice Mechanism (SAM)

The end of 2017 saw the successful culmination of the *Food from the Oceans* topic, which has occupied the AE Cardiff Hub for most of the year. We oversaw the compilation of the Evidence Review Report, which examined the question of how the ocean can help satisfy the global demand for food. The SAPEA Consortium (Science Advice for Policy by European Academies) was asked to produce the Evidence Review Report to underpin the policy-based Scientific Opinion of the High-Level Group of Scientific Advisers.

The handover of the Report and the Scientific Opinion to the European Commission took place on 29th November, in Brussels. Two European Commissioners, Karmenu Vella (Environment, Maritime Affairs and Fisheries) and Carlos Moedas (Research, Science and Innovation) were present. Hub Manager Louise Edwards represented the Cardiff Hub.

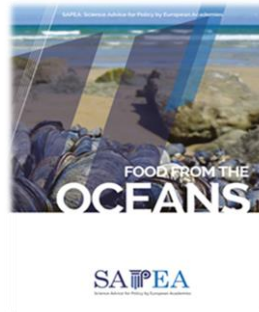
Food from the Oceans was the first evidence review delivered by the SAPEA (Science Advice for Policy by European Academies) Consortium and was led by Academia Europaea, with responsibility for management and delivery of the work given to the Cardiff Hub.

Professor Petersen represented the SAPEA Consortium for the project, with Louise Edwards, Hub Manager, as Chair of the SAPEA Team. Dr Esther Dorado-Ladera in the Cardiff Hub provided further critical support.

As well as preparing the final report for publication, the Cardiff Hub was responsible for the coordination of two international working groups, the formal peer review, an expert workshop and several public engagement events.

The report will be promoted over the coming months at events aimed at policymakers, the academic community and practitioners.

Contact Esther Dorado-Ladera (DoradoLaderaE@cardiff.ac.uk) for further information, printed copies of the report and promotional flyers.



The SAPEA evidence review report is available [here](#).

The SAM High Level Group Opinion is available [here](#).



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Visit of AE President to Cardiff Hub

We were delighted to welcome Academia Europaea President, Professor Sierd Cloetingh and Sir John Skehel, Chair of our Steering Group, to the Cardiff Hub on 27th/28th November. In addition to Professor Cloetingh and Sir John meeting with the Vice-Chancellor of the University, Professor Cloetingh also spoke at the Hub networking event, *International Networks* (see below).

Recent Events

International Networks: Creating Opportunities for Collaborative Research and Funding

On 28th November, the Cardiff Hub hosted a networking event on international research networks. A distinguished panel of speakers provided an overview of networks such as [COST](#) and [Vision2020](#), explaining their purpose and benefits.

Read our [report](#) of the event.



Our panellists [l-r]: Prof Ole Petersen, Prof Sierd Cloetingh, Prof Adrian Harwood, Abdul Rahim, Prof Phil Jones, Sir John Skehel

on intra- and inter-cellular signalling events in a number of different systems, including the gastro-intestinal tract and the brain.

The event is open to all. Further information and registration is via [Eventbrite](#).

PHYSIOLOGY AND PATHOPHYSIOLOGY 2018
Molecules, Cells, Organs and Systems
6th and 7th March 2018
The Hadyn Ellis Building, Maindy Road, Cardiff University
"Symposium Celebrating Ole Petersen's 75th Birthday"

Speakers:
Kim E. Barrett: University of California, San Diego
Dennis Brown: Harvard Medical School
Dennis Burdakov: ETH Zurich
Vincenzo Crunelli: Cardiff University
Annette C Dolphin: University College London
Julia Gerasimenko: Cardiff University
Oleg Gerasimenko: Cardiff University
Malke Glitsch: University of Oxford
Peter Hegyi: Universities of Pecs and Szeged
Angharad Jones: Cardiff University
Arthur Konnerth: Technische Universität München
Markus M. Lerch: University of Greifswald
Denis Noble: University of Oxford
Valerie O'Donnell: Cardiff University
Anant Parekh: University of Oxford
Shuang Peng: Cardiff University
Carl Petersen: Ecole Polytechnique Federale de Lausanne (EPFL)
Ole Petersen: Cardiff University
Tullio Pozzan: Venetian Institute of Molecular Medicine
Patrik Rorsman: University of Oxford
Tatyana Shelkavnikova: Cardiff University
András Spät and Gergő Szabó: Semmelweis University Budapest
Robert Sutton: University of Liverpool
Karl Swann: Cardiff University
Alexei V. Tepkin: University of Liverpool
Alexej Verkhratsky: University of Manchester



With support from
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Registration is via Eventbrite at:
<https://www.eventbrite.com/e/physiology-and-pathophysiology-2018-molecules-cells-organs-and-systems-tickets-41075912159>

For further information please email Judith Lockett:
lockettj@cardiff.ac.uk





Forthcoming events

Physiology and Pathophysiology 2018: Molecules, Cells, Organs and Systems, 6th-7th March, Cardiff

This symposium, to be held at Cardiff on 6th/7th March 2018, will provide a broad view of the state-of-the-art of Physiology and Pathophysiology in 2018. World leaders in the field, with no less than 13 Members of Academia Europaea including 4 Fellows of the Royal Society and 3 Members of the German National Academy of Sciences Leopoldina, will present recent discoveries within wide perspectives. Reflecting the broad interests of Professor Ole Petersen, there will be a major focus

Horizon 2020 Energy Event, 5th-6th March 2018, Brussels

Cardiff University and Vision 2020 will be holding their next Horizon 2020 Energy event at Wales House in Brussels on March 5th and 6th, with support from the AE Cardiff Hub. The purpose of this event will be matchmaking between academia and industry for Horizon 2020 energy calls during the 2018-2020 work programme. More information [here](#).

Further Hub events will be announced soon. Details will be published on our [website](#).