



## **ENI AWARD 2017**

### **Energy Frontiers**

**Jens Nielsen**

Winner

#### ***Renewable Production of Fuels and Chemicals by Yeast***

##### **Biography**

Jens Nielsen has an MSc degree in Chemical Engineering and a PhD degree (1989) in Biochemical Engineering from the Danish Technical University (DTU), and after that established his independent research group and was appointed full Professor there in 1998. He was Fulbright visiting professor at MIT in 1995-1996. At DTU he founded and directed Center for Microbial Biotechnology. In 2008 he was recruited as Professor and Director to Chalmers University of Technology, Sweden, where he is currently directing a research group of more than 60 people. At Chalmers he established the Area of Advance Life Science Engineering, a cross departmental strategic research initiative and was founding Head of the Department of Biology and Biological Engineering, which now encompass more than 200 people. Jens Nielsen has published so far more than 600 papers that have been cited more than 42,000 times (current H-factor 101), and co-authored several textbooks. He was identified by Thompson Reuter as a highly cited researcher in 2015 and 2016. He is inventor of more than 50 patents and he has founded several biotech companies. He has received numerous Danish and international awards including The Nature Mentor Award and The Novozymes Prize, and is member of several academies, including the National Academy of Engineering in USA, the Royal Swedish Academy of Science, the Royal Danish Academy of Science and Letters, the Royal Swedish Academy of Engineering Sciences and the American Academy of Microbiology. He is a founding president of the International Metabolic Engineering Society.