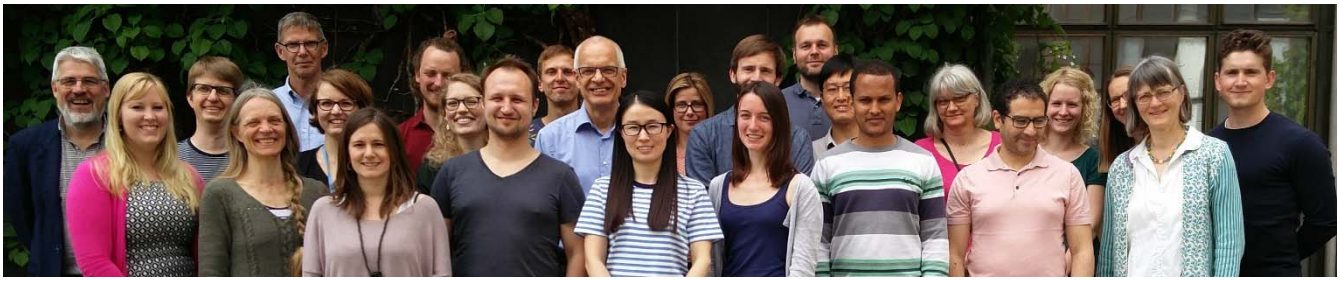

DynaMo group photo taken on the occassion of the annual visit by our Scientific Advisory Board, June 2017, including our three new advisory board members: Professor Uwe Sonnewald, Professor Jens Stougaard and Professor Cathie Martin.

DynaMo Year 6 ¤ Highlights from 2017

Nature Biotechnology cover story by DynaMo researchers

Research

The DynaMo Center is an international research center that links cellular processes – pathway orchestration, regulatory networks, transport, metabolite sensing – to organismal biology. 2017 was another year full of excitement, and we saw significant progress within all areas of our research plan. Of special mention is that DynaMo members, together with researchers from Bayer CropScience, successfully developed a new oilseed crop that is much more resistant to heat, drought and diseases than oilseed rape. This breakthrough was featured as cover story of the April issue of Nature Biotechnology, the most prestigious journal for biotechnology research.

International Collaboration

In DynaMo, we continuously search for and obtain necessary expertise at national and international levels to advance our projects, not only by sending our young researchers abroad for training in other labs, but also by inviting leading scientists to our center. In 2017, we continued our series of DynaMo Seminars, where distinguished scientists from abroad gave public lectures about their recent research findings. However, we also successfully initiated a short-term visitor's program, where an expert scientist visits our center for a full week in order to have time to discuss our projects in depth and share methods in the laboratories.

Professor Enrico Martinoia from University of Zürich (center) visits DynaMo May 2017 to share his techniques with our young researchers.

Awards

We see DynaMo as a training ground for the next generation of scientists, and we are proud each time one of our younger members is recognized with an award. DynaMo industrial postdoc Svend Roesen Madsen was acknowledged for his work against antibiotic resistance as he received the 2017 Science Business Prize for Young Researchers at University of Copenhagen. Postdoc Verena Jeschke was awarded Best Poster Prize at the annual Scandinavian Plant Physiology Society congress in Finland for her poster 'Dynamics of structure-specific metabolite sensing in plants'. Also, DynaMo master student Tanja Domeyer was awarded a Novo Scholarship, which is given to outstanding and talented master students within biotechnology and natural sciences, to carry out an MSc project on transport engineering in microalgae.

Danmarks Grundforskningsfond
Danish National Research Foundation

DynaMo

UNIVERSITY OF COPENHAGEN