



# Enhancing photosynthesis in crop plants: targets for improvement

Scientific discussion meeting  
10 – 11 October 2016

Organised by Professor Christine H Foyer,  
Professor Alexander V Ruban, Professor Peter  
J Nixon and Professor Alfred William Rutherford FRS

**The Royal Society**

6 – 9 Carlton House Terrace, London, SW1Y 5AG

THE  
**ROYAL  
SOCIETY**

# Enhancing photosynthesis in crop plants: targets for improvement



## Above

Sunflower. Credit: Rothamsted Research Visual Communication Unit.

## Front

Cells of the *Funaria hygrometrica*, the bonfire moss or common cord-moss with clearly visible chloroplasts” eourtesy of G. Wanner, LMU Munich.

The Royal Society scientific programme connects scientists from around the world in discussions which influence their field and inspire future research opportunities.

## Synopsis

Photosynthesis, the major driver of life on earth, can provide novel solutions for crop improvement in a changing climate, if we consolidate information concerning functional operation, current and future limitations, impacts on stress/growth responses, and potential targets and markers. This forum seeks to identify new knowledge and novel concepts in order to facilitate the transition basic to applied knowledge.

## Speakers and chairs

Professor Christine H Foyer, Professor Alexander V Ruban, Professor Peter J Nixon, Professor Alfred William Rutherford FRS, Professor Robert Blankenship, Professor Paul Falkowski, Dr Michael Nuccio, Professor Rienk van Grondelle, Dr Anja Krieger-Liszkay, Professor Dario Leister, Professor David Kramer, Professor John Walker FMedSci FRS, Dr James W Murray, Professor Alison G Smith, Professor Christine Raines, Professor Martin Parry, Professor Julian Hibberd, Professor Cheryl Kerfeld, Professor James Barber FRS, Professor Neil Hunter FRS, Dr Alison Telfer, Dr Jeremy Harbinson, Professor Alison M Smith.

## Registration

These meetings are intended for researchers in relevant fields and are free to attend, but advance registration is essential.

Online registration and programme information can be found at: [royalsociety.org/events/2016](http://royalsociety.org/events/2016)



Founded in 1660, the Royal Society is the independent scientific academy of the UK, dedicated to promoting excellence in science.

Registered Charity No 207043  
Issued: May 2016 DES4296

## The Royal Society

6 – 9 Carlton House Terrace  
London SW1Y 5AG

T +44 20 7451 2573

E [discussion.meetings@royalsociety.org](mailto:discussion.meetings@royalsociety.org)

W [royalsociety.org](http://royalsociety.org)