

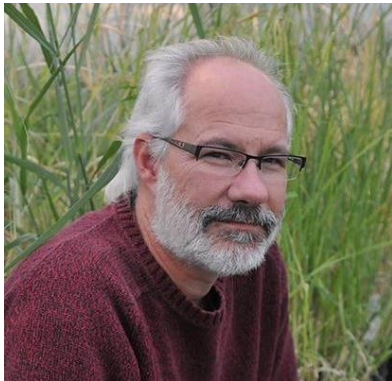
COST Action CA18111 "Genome Editing in Plants"

Online lecture series

Date: November 30, 2022 – 4 PM CET

(Upcoming lecture in 2023: January 25, February 22, March 29, 2023; 4 PM CET)

Speaker 1



Prof. Neal Stewart – Centre of Agricultural Synthetic Biology, University of Tennessee, USA

Title: Engineering and editing of the plastid genome using the mini-synplastome

Speaker 2



Dr. Sadiye Hayta – John Innes Centre, Norwich, UK

Title: Deploying morphological genes for extending gene editing in cereal crops

About Prof. Neal Stewart

At the University of Tennessee, Prof. Neal Stewart holds the Ivan Racheff Chair of Plant Molecular Genetics and is also the co-director of the Center for Agricultural Synthetic Biology. His research program ranges from synthetic biology to ecological genetics. His research has been funded by DARPA, ARPA-E, the US Department of Energy, the NSF, and others. He is an author on over 300 peer-reviewed journal articles and 9 books. Stewart was a member of the National Academies committee that produced the 2016 report “Genetically Engineered Crops: Experiences and Prospects.” He is a fellow in the American Association for the Advancement of Science and the Society for in Vitro Biology. In his free time he is a singer-songwriter (songs are here: <https://www.reverbnation.com/seenealstewart>).

About Dr. Sadiye Hayta

Dr. Hayta leads the transformation and genome editing of wheat within the Crop Transformation Facility at John Innes Centre. This role involves collaborations on many different projects, with both internal groups and external institutes and universities. Sadiye has developed an efficient and robust Agrobacterium-mediated transformation method in wheat. Her research focus is on innovative strategies to further improve wheat transformation and genome editing technologies. This includes work to further improve efficiency of wheat transformation and extend the range of amenable genotypes to transformation/GE, as well as to develop advanced genome editing technologies adapted for use in cereals.

How to join the lecture session?

You can register for this online lecture session by submitting your name and email here:

<https://forms.gle/LdbShz9cMsXPqtz67>

A link to join the session will be sent to you later in November.

Program of upcoming online lecture series

January 25, 2023 – 4 PM CET

Speakers not defined yet

February 22, 2023 – 4 PM CET

Dr. Olivier March – Tropic Bioscience, Norwich, UK: From technology to product: considerations of implementing cutting edge genome editing technologies for product development in crops

Speaker 2 – not defined yet

March 29, 2023 – 4 PM CET

Dr. Juan Debernardi – UC David, USA

Speaker 2 – not defined yet