

COST Action CA18111 "Genome Editing in Plants"

## Online lecture series

**Date: January 25, 2023 – 4 PM CEST**

(Upcoming lectures: February 22, March 29, April 26, May 31, June 28, 2023; 4 PM CEST)

### Speaker 1



**Dr. Fred Van Ex** – Inari Agriculture, Belgium

Title: Accelerated crop improvement in maize and soy through application of Inari's SEEDesign platform

### Speaker 2



**Prof. Jens Boch** – Institute of Plant Genetics, Leibniz University Hannover, Germany

Title: TALEs, TALEN and TALE-base editors in plant genome editing

## About Dr. Fred Van Ex

Dr. Fred Van Ex joined Inari Agriculture in 2018 as a Senior Science Director and Managing Director of Inari's new Belgian subsidiary, Agriculture NV. In his current role, Fred is responsible for the establishment and development of the Belgian R&D site. As a member of Inari's Science Leadership team he is also developing the global scientific strategy of Inari Agriculture. Together with a team of experts, Fred designs the blueprints of new corn, soy and wheat products.

Before joining Inari, Fred was the Head of the Trait Discovery department at Bayer CropScience where he developed and led the early phase research activities. Fred spent a number of years in the US as postdoctoral scholar at Cold Spring Harbor Laboratory, has a PhD in Plant Genetics from the Vrije Universiteit Brussels and a MBA from the Vlerick Business School.

## About Prof. Jens Boch

Prof. Jens Boch is an internationally known expert on genome editing and the main inventor of the TALE-technology which has started the genome editing field before CRISPR. He is a professor for plant biotechnology at the Leibniz University in Hannover/Germany where he currently develops novel CRISPR- and TALE-based genome editing tools. In his group, these tools are applied in rice, barley, potato, mustard and *Nicotiana benthamiana* plants to develop improved pathogen resistant, low-allergenic, and low-toxic food crops.

## How to join the lecture session?

You can register for this online lecture session by submitting your name and email here: <https://forms.gle/4rsDe5TdYCUz6NBz7>

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

## Program of upcoming online lecture series

### **February 22, 2023 – 4 PM CEST**

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 – TBA

### **March 29, 2023 – 4 PM CEST**

Dr. Juan M Debernardi, UC Davis, Dept. of Plant Sciences, USA

Dr. Pierre-François Perroud, INRAE, France – Exploring Prime Editing in the model plant *Physcomitrium patens*

### **April 26, 2023 – 4 PM CEST**

Dr. Ortrun Mittelsten Scheid, Austrian Academy of sciences, Gregor Mendel Institute of Molecular Plant Biology (GMI), Austria

Dr. Christian Lorenzo, VIB, Ugent Center for Plant Systems Biology, Belgium

### **May 31, 2023 – 4 PM CEST**

Dr. Mark Smedley, John Innes Centre, Norwich, UK

Speaker 2 – TBA

### **June 28, 2023 – 4 PM CEST**

Dr. Petra Jorash, Euroseeds, Belgium

Speaker 2 -TBA