



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA



DIPARTIMENTO DI SCIENZE DELLA VITA
Via G. Campi 287 – 41125 Modena
Via G. Amendola 2 (pad. Besta) - 42122 Reggio Emilia

Corso di Laurea Magistrale
Sostenibilità Integrata dei Sistemi Agricoli
Via G. Amendola 2 (pad. Besta) - 42122 Reggio Emilia

Seminar series Prof Gabor O. Galiba Visiting Professor at the Department of Life Sciences UNIMORE



Prof. Gabor Otto Galiba

- Researcher at the Department of Plant Molecular Biology, Agricultural Institute - Centre for Agricultural Research, Martonvásár, Hungary
- Full Professor at the Department of Environmental Sustainability, Hungarian University of Agriculture and Life Sciences, Keszthely, Hungary
- Since 2019, Prof. Galiba is member of the UNIMORE Research Doctorate STEBA - Food and Agricultural Science, Technology and Biotechnology

COURSE DESCRIPTION

TITLE:

LIGHT REGULATION AND MOLECULAR BACKGROUND OF FREEZING TOLERANCE IN CEREALS AND IMPACT OF LED TECHNOLOGY ON INDOOR PLANT PRODUCTION

MSc SISTA AND PHD STEBA STUDENTS LEARN ABOUT:

Topic-1 (3 h) - Genetic and Molecular Background of Frost Tolerance in Cereals

Topic-2 (3 h) - Genes Involved in Regulating Flowering Time in *Arabidopsis thaliana* and Cereals

Topic-3 (4 h) - Modulated Light Dependent Regulation of Freezing Tolerance

Topic-4 (2 h) - Impact of LED technology on indoor plant production

THE COURSE INCLUDES 6 LECTURES (TEACHING ROOM H0.1, PAD. BESTA – REGGIO EMILIA):

Thu 28/04/2022	9.00AM – 11.00AM	Topic-1 Part-1
Wed 04/05/2022	9.00AM – 11.00AM	Topic-1 Part-2 + Topic-2 Part-1
Thu 05/05/2022	9.00AM – 11.00AM	Topic-2 Part-2
Wed 11/05/2022	9.00AM – 11.00AM	Topic-3 Part-1
Thu 12/05/2022	9.00AM – 11.00AM	Topic-3 Part-2
Wed 18/05/2022	9.00AM – 11.00AM	Topic-4

SEMINARS WILL BE STREAMED ON TEAMS (access code: ns19pyh)

MSc SISTA students attending all seminars will receive 3 credits (CFU), while PhD STEBA students attending Topics-3 and -4 will receive 3 credits (CFD).

For more information: Prof. E. Francia enrico.francia@unimore.it