



Dear Colleagues,

In collaboration with the Scientia Amabilis Foundation and the MATE AÉTDI Plant and Horticultural Science Program, we cordially invite you to the **Society's Lecture Series for Young Plant Biologists (FIANÖVELŐ)**, **13th March, 2026. (Friday)**, starting at **11:00**, which will be held in Budapest, **MATE Budai Campus**, 1118 Budapest, Villányi út 29-43, **Room K5**.

It can also be followed online on the **TEAMS** platform:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_YWRmY2RIMWUtOTdkYS00YWYwLWFINWUtYWQ2YzVmZTE2ZjFI%40thread.v2/0?context=%7b%22Tid%22%3a%22b0579784-65da-4c67-b18a-393fad7fc2ae%22%2c%22Oid%22%3a%2221d7a788-02b6-4ddb-9f70-0c0ab0c7c7ec%22%7d

Program:

11:00-11:05 Tibor Janda: Opening

11:05-11:20 Kovács, Dezső (MATE): The role of biostimulants in supporting plant condition in urban green infrastructure

11:20-11:35 Hatt, Róbert (PTE): Spectral quality and genetic background jointly define UVR8-dependent acclimation responses in *Arabidopsis*

11:35-11:50 Liz Kelly Portocarrero Tantavilca (MATE): Preliminary results of seasonal variation in gas exchange, and leaf functional traits (leaf mass per area and leaf water content) in *Sorbus* species during heat stress

11:50-12:05 Hajnal, Ádám (SZTE): Computational modelling of the phytohormone-binding ability in tomato phi class glutathione transferases

12:05-12:20 Priyanka Pradeep Patil (HUN-REN BRC): Salinity stress effects on photosynthetic electron transport pathways in cyanobacteria and microalgae

12:20-12:35 Kovács, Etelka (MATE): The effect of biostimulators on root development of *Thuja occidentalis* 'Smaragd' and *Chamaecyparis lawsoniana* 'Ellwoodii' shoot cuttings

Lunchbreak



13:15-13:30 Michel Francis (ELTE): Nitric oxide-associated regulation of plastidial iron homeostasis

13:30-13:45 Kulman, Kitti (HUN-REN ATK): Redox regulation of the response to cadmium in wheat

13:45-14:00 Liesel Gamarra Reinoso (HUN-REN ATK): How is root-inorganic carbon taken up, fixed, and transported in *Arabidopsis* and barley, and is it beneficial under osmotic stress?

14:00-14:15 Kukri, András (SZTE): Effects of nocturnal red light on tomato plant defence against fungal infection

14:15-14:30 Katona, Zoltán (PTE): Systemic responses to low-dose UV irradiation in tobacco leaves

Break

14:50-15:05 Kalpita Singh (HUN-REN ATK): Redox control of physiological and biochemical processes in maize seedlings

15:05-15:20 Zelenyánszki, Helga (ELTE): Nitric oxide regulates chloroplast iron uptake through inhibition of inner envelope ferric chelate reductase activity

15:20-15:35 Gál-Babicz, Ágnes (MATE): Botanical assessment and vegetation dynamics in the Csókás-völgy Forest Reserve: Focus on oak diversity and poplar structure

15:35-15:50 Scherman Jakab Máté (MATE): Habitat matters: preliminary results of pollen–spore interactions in *Ambrosia artemisiifolia*

15:50-16:05 Hlacs, Attila (HUN-REN BRC): Role of in silico methods through revealing the effects of molecular interactions between biomolecules and ligands in prediction of protein functions

16:05-16:45 Presentations by the laureates of the Scientia Amabilis Foundation:

Kristóf Jobbágy (HUN-REN ATK, Martonvásár)

Adrienn Kelemen (DTE, Debrecen)

16:45- Announcement of results, closing

On behalf of the MNBT:

Tibor Janda „FIANÖVELŐ” coordinator

