



13 Dicembre 2019, ore 9-13

Dipartimento di Scienze Agrarie, Forestali e Alimentari

Largo Braccini, 2 - 10095 Grugliasco (TO)

Aula B



WORKSHOP

Innovative solutions for sustainable urban farming: vertical farming, hydroponics and landscape horticulture

PROGRAMMA:

09:00 Carlo Grignani, Chairperson DISAFA, University of Torino: **WELCOME**

09:10 Silvana Nicola, University of Torino: **Vertical farming in the circular bio-economy: the BioEnPro4To project**

09:20 Elio Padoan, University of Torino: **Substrates and biofertilizers for innovative solutions**

09:30 Giorgio Gianquinto Prosdocimi, University of Bologna: **Multifunctional role of Urban Horticulture**

09:50 Leo F. M. Marcelis, Wageningen University, The Netherlands: **Full control of plant growth and quality in**

Vertical Farms

10:10 Juan Antonio Fernández Hernández, Universidad Politécnica de Cartagena, Spain: **Plants suitable for commercial production in Plant Factory**

10:30 BREAK

11:00 Francesco Orsini, University of Bologna: **Resource use efficiency in Indoor Farming Systems**

11:20 Paolo Sambo, University of Padova: **Aquaponics: state of the art and future perspectives**

11:40 Antonio Ferrante, University of Milan: **Baby leaf and microgreens production in an indoor growing module**

12:00 Giuseppina Pennisi, University of Torino, Universidad Politécnica de Cartagena, University of Bologna: **Led lighting for indoor cultivation of leafy vegetables and herbs**

