

From Space to Novel Urban Horticulture of High-added Value Plants

Seeds & Chips

Fiera Milano, RHO

Pavilion 12 - Agorà dell'Innovazione

10 May 2017, 2.00 p.m. - 3.30 p.m.

The "Indoor Agriculture" refers to the set of innovative technological solutions for the development of enclosed, environment-controlled agriculture, characterized by reduced input to crops, high efficiency and minimal environmental impact. Several aspects will be addressed, starting from agriculture in extreme environments, such as the Agriculture for Space Missions, where bioregenerative life support systems as self-sustaining ecosystem in Space will be devised, up to the new technological frontiers applied to Urban Farming, a new paradigm for high-quality food production, as dietary supplements or foods for special medical applications.

Introductions and welcome speech

Massimo Iannetta - ENEA, *Biotechnology and Agroindustry Division, Head*

“Cultivate beyond Earth”

Daniela Billi - University of Rome Tor Vergata, *Department of Biology*

“Space agriculture as part of bioregenerative life support systems: learning for Earth applications”

Alberto Battistelli - CNR, *Institute of Agro-Environmental Biology and Forestry*

“The Space ideotype plants”

Luca Nardi - ENEA, *Biotechnology Laboratory – Biotechnology and Agroindustry Division*

“Bioactive molecules from plants”

Flavia Guzzo - University of Verona, *Department of Biotechnology*

5 minutes Startup Pitches by four Innovative Startup from Startupbootcamp FoodTech, Rome

Evja, Davide Parisi

Neofarms, Henrik Jobczyk

Phytoponics, Adam Dixon

Wallfarm, Gaia Tosti