

## COST RECROP CA22157 Workshop

Agadir Horticultural Complex, Agadir, Morocco

### "Temperature and Light Responses in Plants for Crop Resilience to a Changing Climate"

Location: Horticultural Complex Agadir, Agadir, Morocco

#### DAY 1 - Monday, 28.04.2025

09:00-09:30		Registration
09:30-09:45		Welcome (AHC)
09:45-10:00		Introduction to RECROP (S. Fragkostefanakis)
#	Time	<b>Session 1</b> <b>Temperature responses in plants</b> <b>Chairs: Helene Robert Biosivon, Yogev Burko</b>
1	10:00-10:30	<b>Invited lecture: Phil Wigge, University of Potsdam</b> Going through a phase? Temperature stress signaling in <i>Arabidopsis</i>
2	10:30-11:00	<b>Invited lecture: Ive de Smet, VIB</b> The heat is on: phosphorylation-driven signaling fine-tunes physiological responses
3	11:00-11:30	<b>Invited lecture: Helene Robert Boisivon, CEITEC Masaryk University</b> Impact of heat on seed development in <i>Arabidopsis thaliana</i> and <i>Brassica napus</i>
	11:30-12:00	Coffee break
4	12:00-12:30	<b>Invited lecture: Michal Lieberman-Lazarovich, Volcani Center</b> Heat stress response in commercial tomato hybrids
5	12:30-12:45	<b>Selected talk (from abstracts)</b>
6	12:45-13:00	<b>Selected talk (from abstracts)</b>
7	13:00-13:30	<b>Invited lecture: Martijn Van Zanten, Utrecht University</b> Thermomorphogenesis: Achieving optimal plant performance under non-optimal temperature conditions
8	13:30-14:00	<b>Invited lecture: Sotirios (Akis) Fragkostefanakis, Goethe University Frankfurt</b> Transcription and RNA splicing factors: The masters and commanders of thermotolerance
	14:00-15:30	Lunch & Poster session
#	Time	<b>Session 2</b> <b>Light and temperature signaling crosstalk in plants</b> <b>Chairs: Amal Bouryad, Giorgio Perrella</b>
9	15:30–16:00	<b>Invited lecture: Ullas Pedmale, Cold Spring Harbor Laboratory</b> Light as an Architect: How Light Quality Shapes Plant Structure
10	16:00-16:30	<b>Invited lecture: Yogev Burko, Volcani Center</b>

		How tomato grows tall: species-specific PIF roles in response to environmental stimuli
11	16:30-16:45	<b>Selected talk (from abstracts)</b>
12	16:45-17:00	<b>Selected talk (from abstracts)</b>
13	17:00-17:30	<b>Invited lecture: Eirini Kaiserli, University of Glasgow</b> Balancing light-regulated plant growth and thermotolerance in Arabidopsis
	17:30-17:45	Closing remarks

## DAY 2 - Tuesday, 29.04.2025

#	Time	<b>Session 3</b> <b>Plant health, development, and reproduction under climate change</b> <b>Chairs: Amal Aithida, Martijn Van Zanten</b>
14	09:15-09:45	<b>Invited lecture: Yvonne Stahl, Goethe University Frankfurt</b> Lessons from the underground: The molecular control of root meristems
15	09:45-10:15	<b>Selected talk (from abstracts)</b>
16	10:15-10:45	<b>Invited lecture: Mayad El Hassan, Agadir University</b> Nematodes as Bioindicators of Soil Health in Agroecosystems: Insights from the Arganeraie Biosphere Under Changing Pedoclimatic and Anthropogenic Pressures
	10:30-11:00	Coffee break
17	11:00-11:30	<b>Invited lecture: David Honys, Czech Academy of Science</b> Title TBD
18	11:30-11:45	<b>Selected talk (from abstracts)</b>
19	11:45-12:00	<b>Selected talk (from abstracts)</b>
20	12:00-12:15	<b>Selected talk (from abstracts)</b>
21	12:15-12:45	<b>Invited lecture: BOUHARROUD Rachid, INRA Agadir</b> Title TBD
22	12:45-13:15	<b>Invited lecture: Giorgio Perrella, University of Milano</b> Uncovering novel cross-talks between epigenetic modifiers and environmental signals during plant development
	13:15-13:30	Closing remarks
	13:30-15:00	Lunch & Poster session