

12th Congress

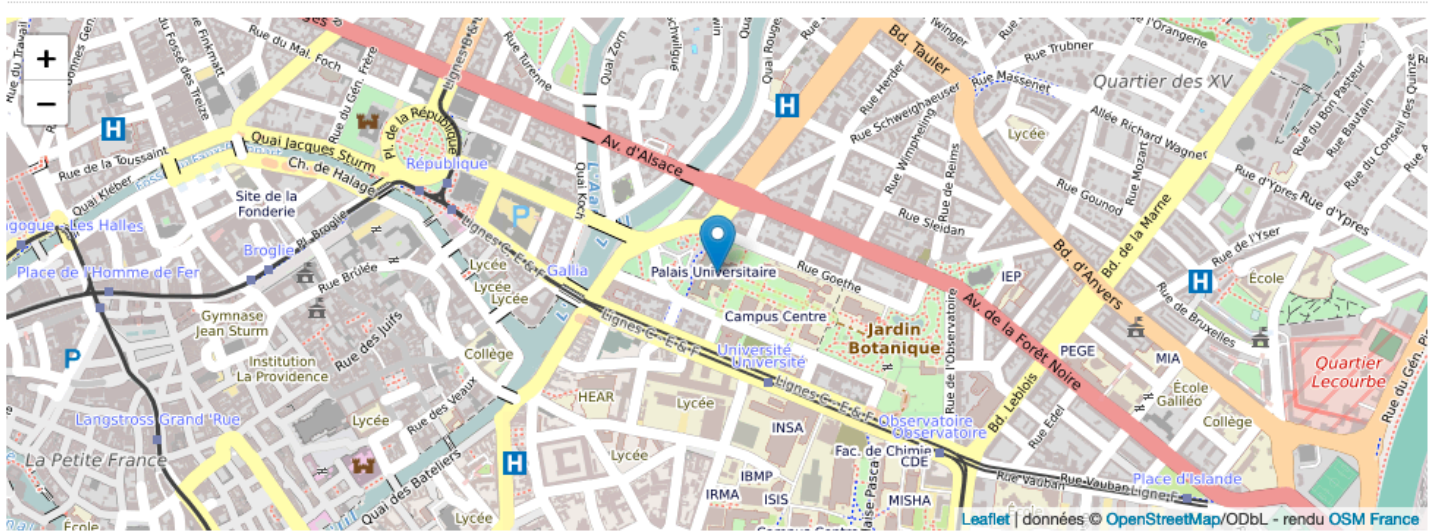
French Society of Plant Biology

July 16th-18th 2019, Strasbourg



<https://sfbv2019.sciencesconf.org/>

MAP



The SFBV Congress will be held at University Hall in Strasbourg

LOCATION

Palais Universitaire

9 place de l' Université

67000 Strasbourg.

How to reach the University Hall ?

BY TRAM

Tram C (Direction Neuhorf Rodolphe Reuss) or Tram F (Direction Place d'Islande)

Stop "Gallia"

Program

Tuesday 16th

13h45 Opening

14h15 Organelle Biology

Chairs: Kamel Hammani, José Gualberto, Laurence Drouard

Monitoring Subcellular Energy Physiology using Fluorescent Protein Biosensors

Markus Schawrzländer

Friendly as an important factor for mRNA targeting to mitochondrial surface

Mickaele Hemono

An organellar flap-endonuclease is required for the stability of the plant mitochondrial genome

José Gualberto

Protein Only RNase P (PRORP) proteins mode of action, function and diversity

Mathieu Bruggeman

16h-16h30 Coffee break

Maturation of Fe-S proteins in plant organelles

Nicolas Rouhier

Peculiar features of mitochondrial gene expression in the green alga *Chlamydomonas reinhardtii*

Laurence Drouard

AAF award

Water deficit impact on degradability, cell wall biochemistry and lignified tissue distribution in the maize internode and genetic determinism of these traits.

Fadi El Hage

Wednesday 17th

8h30 Plant Metabolism

Chairs: Emmanuel Gaquerel, Hubert Schaller

Novel insights into the dynamics and diversity of lipid droplets in plants

Sabine D'Andrea

Isoprenoid metabolism and its impact on seed quality

Julia Zinsmeister

Regulation of plant hormone signaling via the modulation of protein lipidation

Quentin Chevalier

TOR acts as gatekeeper for Auxin-dependent Lateral root formation

Michael Stitz

10h-10h30 Coffee break

N-hydroxypipicolinic acid orchestrates systemic acquired resistance and defense priming in plants

Jürgen Zeier

Neofunctionalization of acyltransferases from the BAHD family results in the accumulation of unusual spermine-conjugated hydroxycinnamic acids in the pollen coat of the Asteraceae

David Gagneul

Rosa arvensis as a genetic model

Pascal Heitzler

12h-14h Lunch

14h Development

Chairs: *Pascal Genschik, Mikhail Schepetilnikov*

Understanding the complexity of cell proliferation during organ growth

Crisanto Gutierrez

Natural variation for crossing-over frequencies in brassica napus

Aurélien Blary

Subcellular localization of tRNA-derived fragments by transfection of Arabidopsis thaliana protoplasts

Marjorie Chery

Protein regulatory network involved in hormone-dependent nutrient sensing

Benoit Lacombe

Synergistic interactions between miRNAs and Polycomb-Group proteins for the regulation of the CUC2 gene expression during leaf development

Patrick Laufs

Protein farnesylation enters Arabidopsis seed development

Valentin Vergès

Implication of ROS homeostasis in the mechanism of axillary bud outgrowth in rosebush (Rosa 'Radrazz')

Alexis Porcher

17h-19h Poster Session Snack & Drinks

Thursday 18th

8h30 Response to biotic/abiotic stresses

Chair: *Marie Edith Chabouté, Mikhail Schepetilnikov*

Aquaporins and plant hydraulics at the heart of environmental stress responses

Christophe Maurel

Remobilization of iron and manganese from intracellular stores

Sébastien Thomine

Physiological and Biochemical Characterization of Two Sorghum bicolor L. Genotypes under Salt Stress

Eman Abuslima

Integration of the responses to iron availability fluctuations in plants

Fei Gao

10h-10h30 Coffee break

Allocation of Phenylalanine pathway draws the Vitis destiny towards Grapevine Botryoshaeria dieback

Islam Khattab

FBL17 implications in DNA damage responses in Arabidopsis thaliana

Naomie Gentric

VvSWEET4, a grapevine glucose facilitator, mediates sugar influx in Vitis vinifera hairy roots and enhanced resistance to Pythium irregulare, a soilborne pathogen

Eloïse Meteier

Dynamics of cellular damages in poplar leaves exposed to ozone

Benjamin Turc

11h45 SFBV Awards