



# PALSA 2023

## Wednesday, July 12, 2023

### Fundamental research and in vivo studies - Vet Research Tower (2:00 PM - 4:30 PM)

-Conveners: Carlos Cabrera; Chithra Karunakaran

time	[id] title	presenter
2:00 PM	[9] Developing (field-relevant) synchrotron techniques to support agricultural innovation	DOOLETTE, Casey L. LOMBI, Enzo KOPITTKE, Peter M.
2:30 PM	[70] $\mu$ -SXRF reveals the role of Arabidopsis Oligopeptide Transporter 3 (AtOPT3) in shoot-to-root copper signaling and copper-iron crosstalk	CHIA, Ju-Chen
2:45 PM	[35] Plant metallomics: Are metal distribution patterns a cause or a consequence of plant tissue fate?	MONTANHA, Gabriel
3:00 PM	Break	
3:30 PM	[83] XRF Imaging as a Tool for the Study of Regulation of Metal Homeostasis in Plants: Implications to Food Security and Nutritional Quality.	VATAMANIUK, Olena K
4:00 PM	[50] CARNAÚBA: a Multi-analytical X-ray Nanoprobe Beamline of Sirius with Applications in Agro-environmental Sciences	PÉREZ, Carlos