

Action number: CA16212

STSM title: Identification of novel components of the plant nuclear envelope

STSM start and end date: 10/09/2018 to 31/10/2018

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Collaboration with: Christophe Tatout and Aline Probst

PURPOSE OF THE STSM

The objectives of this project were the following:

- To carry out Co-IP and/or ChIP experiments to identify novel components of the plant nuclear envelope interactome using antibodies to Nuclear Envelope Associated Proteins (NEAPs) and anti-fluorescent protein antibodies. Thereby contributing to proteomic and genomic data (WG2).
- Use this to perform analyses to predict the nuclear protein interactome (WG4).
- Foster interdisciplinary training and career development.

And as such this STSM project would support the INDEPTH COST-Action in achieving the following objectives:

- Objective 2. Generate standardized protocols in nuclear proteomics (WG2).
- Objective 3. Collect plant data sets in nuclear proteomics (WG2).
- Objective 11. Foster interdisciplinary training and career development for Early Career Investigators (ECIs) through their involvement in the organization of Action activities and their participation in training events (TS & STSM).