

Core Group meeting, Prague, Tuesday 26th February

Participants:

Christophe Tatout (Chair), Tania Gonzalez Ovin (Administrative officer), Ana Paula Santos (WG1), Stefanie Rosa and Sara Farrona (WG2), Ales Pecinka and Monica Pradillo (WG3), Geraint Parry and Aline Probst (WG5), David Evans (STSM)

Objective of the Core Group meeting:

Bottom-up approach to sum-up the discussions collected by WG leaders during the WG workshops (Tuesday morning). 4 main points were discussed:

1- *Collect information on **ongoing collaborations** promoted by INDEPTH (no problem if partners would like to keep the research topic confidential)*

There are already many new collaborations!

- ~ 4-5 WG1 (to be defined)
- ~ 19 in WG2
- ~ 10 in WG3
- ~ 1 WG4 (to be defined)

Collaboration can be new grant proposals or scientific projects (new collaboration)

What's next: The Chair will provide a simple excel table to list the collaborations. This table should be kept updated at each main meeting (each WG workshop).

2- *Have a first survey of the **possible contributions of your WG in protocols** that would be made publicly available through our Web site. We will provide a template soon and these can be already available protocols that we will have to edit in order to avoid copyrights difficulties. As example: Protocols in to grow and prepare plant samples for RNA-Seq, proteomics, flow cytometry, ChIP-Seq...simple plant DNA or RNA extraction, ChIP, DNA and RNA-FISH, image segmentation...*

- WG1 proposes to write 3D-FISH protocols
- WG2 is in favor of doing it: define protocols (we discussed ChIP and INTACT for example or seed specific protocols)
- WG3 is not fully in favor of doing it: small impact but lots of work. WG4 can provide proteomics protocol from WG3 TS
- WG4 Hi-C protocol / Galaxy workflow from training school?

What's next: Geraint/Aline can you investigate the possibility to use "Bio-protocols" to have a better impact. Geraint can you investigate the possibility to create a new page on the Website dedicated to protocols?

3- *Collect **expectations, ideas of what can be done as new activities** (i.e. Workshops, training schools...should fit the MoU objectives). Future actions of each WG will then be "transformed" in Goals for the next Grant Period. These have then to be validated by our Science officer.*

WG (especially WG3) are requesting a workshop with private companies!

- “Response to stress” Workshop (Serbia sunflower in 2020) / Breeding companies (Limagrain and others such as KWS...etc)
- Eucarpia in Switzerland (2020) / Breeding companies
- Phenotyping / to be discussed with Dionysia Fasoula (Cyprus)
- Microscopy / links with Bitplane company

What’s next: This is a good idea BUT this needs to be efficient and useful. This is not an easy task. The Chair will come back to WG leaders to suggest a more specific plan to approach the companies. This will be discussed/validated during the next Core Group meeting. A workshop with private company will be included into the Work budget plan for the next grant period.

4- More specifically, **discuss** (and define a deadline) **reviews to be submitted for WG2 and WG3**. It can also be a good time to recall the **JExpBot special issue** (timing for publication) (Geraint), possible **special issue of Frontier in Plant Science ...etc**

- WG3 is thinking about using the JExpBot special issue opportunity for its review
- WG2 will start and assemble a review presenting the different nuclear sub-compartments (nucleolus, speckles, chromocentres...etc), people that want to contribute have already been defined

What’s next: try to reach the milestones/deliverables (WG2 and WG3 review), but keep the scientific value as a priority.