

Central European Institute of Technology (CEITEC)

Brno, Czech Republic

**RG Plant Cytogenomics**

**Milan Pouch**

### **Research Objectives**

- Karyotype and genome evolution in plants
- Whole-genome duplications (polyploidy)
- Mechanisms of chromosome rearrangements
- Evolution of repetitive DNA
- Comparative and evolutionary phylogenomics
- Paleogenomics
- Molecular phylogenetics

### **Investigated Plant Groups**

- Brassicaceae (crucifers)
- Zingiberaceae (ginger family)

### **Contact Information**

[milan.pouch@ceitec.muni.cz](mailto:milan.pouch@ceitec.muni.cz)

[www.plantcytogenomics.org](http://www.plantcytogenomics.org)