



**PROBRAL Workshop 2019**  
**PPGBV, Recife, 18/07/2019**

**9h00 – Andreas Houben** “CRISPR/Ca9-based imaging of chromosomal DNA”

**9h20 – Jörg Fuchs** “Applications of flow cytometric analysis and sorting of pollen nuclei”

**9h40 - Alevtina Ruban** "Organ-specific elimination of B chromosomes in *Aegilops speltoides*"

**10h00 – Daiyan Li** “Separated As or non-separated Bs, does the chromatin composition play a role?”

**10h20-10h40 – Coffee break**

**10h40 – Anastassia Boudichevskaia** “How RNA-seq analysis helps to understand the mechanism of B chromosome drive”

**11h00 – Veit Schubert** “Super-resolution microscopy: get more information from your preparation”

**11h20 – Amalia Ibiapino** “Repetitive fraction analysis of the genome of three species of *Cuscuta* L. (Convolvulaceae)”

**11h40 – Mariela Sader** “Karyotype evolution in *Passiflora*”

**12h00-14h00 – Lunch break**

**14h00 – André Marques** Meiosis in Cyperaceae

**14h20 – Lucas Costa** “Can we use target capture data to study repetitive DNA evolution? Case study and perspectives in *Rhynchospora* Vahl.”

**14h40 – Yhanndra Dias** Chromosome organization in Mapanioideae/Cyperaceae

**15h00-15h15 – Short Break**

**15h15 – Project discussion**