

“Lectures On The Cell Wall”

Tuesday, November 24th (Room 307, R10 , Salvador Sanfuentes 2357):

14h-16h: Plant cell wall polysaccharides : extraction, purification and partial degradation prior to MS analysis (M-C. Ralet)

16h15- 17h15: The structure and role of seed coat components in plant physiology (H. North)

Wednesday, November 25th (Room 202, R5, República 399):

14h- 15h : Seed mucilage: a model system for studying plant cell wall properties and interactions (H. North)

15h-16h: Mass spectrometry for glycan structure analysis (M-C. Ralet)

16h15- 17h15: From the building blocks to plant cell wall polymers: the role of the Golgi apparatus (A. Orellana)

Thursday, November 26th: Workshop (CBV, 1st Floor, República 217)

9h00-10h: The role of Nucleotide sugars transporters on the biosynthesis of non-cellulosic polysaccharides (A. Orellana)

10h- 10h45: Generation of new monoclonal antibodies to rhamnogalacturonan fragments (M-C Ralet)

10h45- 11h30 : Variations on a theme of mucilage (H. North)

11h45- 12h15: Characterization of nucleotide sugar transporters exploiting the *Arabidopsis* seed mucilage (S. Saez-Aguayo)

12h15- 12h45: Role of UDP-uronic acid transporters in cell wall biosynthesis (H. Temple)

Guests: Dr. Helen North (INRA de Versailles, France), Dr Marie- Christine Ralet (INRA de Nantes, France).

Organizers: Dr. Ariel Orellana, Dr. Susana Saez-Aguayo.