

Workshop

"Centronuclear Myopathies"

***at the Institute of Myology,
Paris***

October 24, 2008

Workshop Program

Reception of participants: 9:00-9:30

in the hall of the Institute of Myology

Morning session : 9:30-12:30

Presentations of current work and future projects.

Talks : 15 mn, discussions : 10 mn.

Thomas Voit (Institut de Myologie-AIM, Paris)

Welcoming - Objectives of the meeting.

Marc Bitoun (AIM, Inserm, Paris)

Dynamin 2 mutations in centronuclear myopathy and Charcot-Marie-Tooth neuropathy

Mark A McNiven (Mayo Clinic Cancer Center, Rochester)

The dynamins and cytoskeletal organization

Franck Perez (Institut Curie, Cnrs, Paris)

Revisiting microtubule dynamic instability

Coffee break: 11:00-11:15

Aurélien Roux (Institut Curie, CNRS, Paris)

Function of dynamin and amphiphysin in membrane remodelling, 2 proteins mutated in centronuclear myopathies.

Thierry Galli (Institut Jacques Monod, Inserm, Paris)

Role of membrane trafficking in neurite growth – Tale of a vesicle and the cytoskeleton.

Edgar Gomes (AIM, UPMC-Inserm, Paris)

Mechanisms of nuclear positioning during myofiber formation

Discussions: (moderator: Marc Bitoun) 12:15 – 13:00

About main topics discussed during the morning session and with the objectives to organize future collaborations.

Lunch break: Buffet (13:00 – 13:45)

Afternoon session: 13:45- 17h30

Evelyn Ralston (NIAMS, Bethesda)

Subcellular organelles and other non-contractile inclusions in skeletal muscle fibers.

Kristian Gundersen (University of Oslo)

Why are muscle fibres multinuclear?

Jocelyn Laporte (IGBMC, Illkirch)

Molecular basis and pathological mechanisms of centronuclear myopathies

Coffee break: 15:00-15:15

Helene Tronchere (CHU Purpan, Inserm, Toulouse)

Phosphoinositides level modification by the lipid 3-Phosphatase myotubularin : impact on cellular signalling and vesicular trafficking.

Laurent Tiret and Stéphane Blot (ENVT, Inra-Envva, Maisons-Alfort)

Different aspects of comparative pathophysiology of the centronuclear myopathy through the canine model analysis.

Discussion – Conclusion: 16:30-17:30 (moderator: Edgar Gomes)

Discussion about the afternoon talks and as a synthesis of the all workshop day, with the objective of future collaboration construction.

Diner: 19:00

Buffet at the AIM.