

1ST SCIENTIFIC MEETING OF THE THIERRY LATRAN FOUNDATION FOR ALS & MOTOR NEURONS RESEARCH 20th May 2010

Program

Guest speaker: Philippe Leboulch

(Institute of Emerging Diseases and Innovative Therapies, Fontenay-aux-Roses, France)

“Recent advances in human hematopoietic gene therapy and food for thoughts in relation to ALS”.

Philip Van Damme & Annelies Van Hoecke (Leuven)

Translational research into the role of the ephrin receptor EphA4 in the pathogenesis of ALS

Discussion

Séverine Boillee & Ana Barbeito (Paris)

Pathological neuro-immune interactions between the macrophages /microglial cells and the affected motor neurons in animal models of ALS

Discussion

Elizabeth Fisher & Pietro Fratta (London)

Role of TDP43 in motor neurons through studying a unique Tdp43 mutant mouse

Discussion

Cédric Raoult (Marseille)

Novel gene therapy approach for motoneuron disease through broad delivery of death signaling inhibitors by astrocytes

Discussion

Maria Teresa Carri & Mauro Cozzolino (Rome)

Rescue of mitochondrial damage: new therapeutic strategies

Discussion

Jean-Philippe Loeffler & Gonzalez de Aguilar (Strasbourg) / **Pierre-François Pradat** (Paris)

Contribution of Metabolic Dysfunction to ALS Pathogenesis

Discussion

Patrick Weydt & Birgit Schwalenstöcker (Ulm):

Role of the PGC-1 α system in the pathogenesis of ALS

Discussion

Albert Clement & Anna Weichert (Mainz)

Biochemical and biophysical properties of obligatory dimer proteins representing the two major classes of SOD1 mutants in the *C. elegans* model

Discussion

Concluding Remarks: Valérie de Broglie – Wim Robberecht