

GABBA Programme

2017– NEURODEGENERATIVE DISEASES

April 10-13, i3S

Coordination – Saraiva, MJ (IBMC)

Faculty – Outeiro T (Gottingen)

Gomes Pereira M (Paris)

Maciel P (U Minho)

April 10

10-12.30 a.m. – Gomes Pereira M. Unstable DNA repeats and human disease

2.30 – 5 p.m. – Gomes Pereira M. Main trends in myotonic dystrophy and toxic RNA diseases

April 11

9.30- 12.30 a.m. – Maciel, P. Main trends in Machado Joseph and Huntington disease

2.30 – 5 p.m. - Journal Club on MD

April 12

9.30-12.30 a.m. - Journal Clubs on MJD //HD

2.30-5 p.m. Outeiro, T. Biology of alpha-synuclein in health and disease

April 13

10-12.30 - Outeiro, T. Spreading of synuclein pathology: is it a prion?

2.30 – 5 p.m. Outeiro, T. 10-12.30 a.m. – Journal Clubs in PD

List of papers for classes:

Medicinal Research Reviews, Esteves et al., 2016

Nature, McMurray et al., 2010

B.B.A., Sicot and Gomes Pereira, 2013

Current Opinion in Genetics and development, Zhang et al., 2017

Cell to cell transmission, Virginia Lee, Nature Med, 2014

α -synuclein toxicity in neurodegeneration: mechanism and therapeutic strategies. Wong and Krainc. Nature Med, 2017

Seminars:

On MD:

Liu et al., 2016, Neuron 90, 521–534 May 4

Sellier et al., 2017, Neuron 93, 1–17 January 18

On MJD:

Teixeira - Castro, 2015. Brain . September, 1-17 and supplementary information

Neves-Carvalho, 2014. Human Mol Genetics, 1-18

On PD:

Ulusoy et al, 2016. Acta Neuropath

Sampson et al., 2016. Cell 167, 1469–1480