

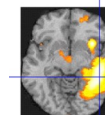


Cork NeuroScience Group

in association with Neuroscience Ireland
present, to mark the European Month of
the Brain:

Parkinson's Disease: from molecules to movement

University College Cork
Friday April 26th 2013



Neuroscience
Ireland

Lundbeck



abbvie



ANATOMICAL
SOCIETY
STRUCTURE FUNCTION DEVELOPMENT EVOLUTION

Cork Neuroscience Group in association with Neuroscience Ireland present, to mark the European Month of the Brain:

“Parkinson’s Disease: from molecules to movement.”

Friday 26th April 2013

Room G.01, Western Gateway Building, University College Cork, Western Road, Cork.

8:45

WELCOME ADDRESS

Prof. George Shorten, Head of School of Medicine, UCC.

9:00 - 10:45

SESSION 1: Basic science - animal models of PD I.

Chair: Dr. Aideen Sullivan.

9:00 - 9:30

Dr. Eilis Dowd, NUI Galway.

“Preclinical modelling of Parkinson's disease - past, present and future”.

9:30 - 10:15

Dr. Maeve Caldwell, Bristol University.

“Generation of midbrain dopamine neurons from human pluripotent stem cells: implications for Parkinson’s disease”.

10:15 - 10:45

Dr. Gerard O’Keeffe, UCC.

“Neurotrophic factors for Parkinson's disease therapy”.

10:45 - 11:15

Coffee break

11:15 - 13:00

SESSION 2: Basic science - animal models of PD II

Chair: Dr. Aideen Sullivan.

11:15 - 12:00

Dr. Claire Kelly, Cardiff University.

“Cell replacement therapy for Parkinson’s disease”.

12:00 - 12:30

Dr. Gavin Davey, Trinity College Dublin.

“Mitochondrial fusion/fission dynamics in a parkinsonian model”.

12:30 - 13:00

Mr. Shane Hegarty, UCC. “Smad-dependent molecular mechanisms regulating dopaminergic neurite development”.

Ms. Louise Collins, UCC. “Mitogen-Activated Protein Kinase Phosphatase (MKP)-1 as a Neuroprotective Agent: Promotion of the Morphological Development of Midbrain Dopaminergic Neurons”.

13.00 - 13:45

Lunch

13:45 - 15:30

SESSION 3: Clinical aspects of PD I

Chair: Dr. Sean O’Sullivan.

13:45 - 14:30

Dr. Seamus Kearney, Belfast City Hospital.

“Parkinson's disease diagnosis and mimics”.

14:30 - 15:00

Dr. Sean O’Sullivan, Cork University Hospital.

“Impulsive and addictive behaviours in Parkinson's disease”.

15:00 - 15:30

Dr. Grace Crotty, CUH. “Exploring the predictive diagnostic value of the CSF neurotrophic factor architecture in Parkinson’s disease”.

Ms. Deirdre Hoban, NUI Galway. “Delivery of neurotrophin-secreting stem cells to the hemi-Parkinsonian rat brain in a type 1 collagen hydrogel”.

Ms. Mary Ní Flathartaigh, NUI Galway. “Fibrin as a biomaterial matrix for support of neurotrophin overexpressing mesenchymal stem cells in the adult rat brain”.

15:30 - 16:00

Coffee break

16:00 - 17:45

SESSION 4: Clinical aspects of PD II

Chair: Dr. Sean O’Sullivan.

16:00 - 16:45

Dr. Richard Walsh, Tallaght Hospital.

“Deep Brain Stimulation and novel treatments in Parkinson's disease”.

16:45 - 17:45

PLENARY LECTURE

kindly sponsored by the Anatomical Society.

Prof. Roger Barker, Cambridge University.

“The challenge of taking cell therapies to the clinic in Parkinson's disease”.

17:45

Closure of meeting

The Conference Dinner will be held at **8.00pm** in the **Weir Bistro**, River Lee Hotel, Western Road.

Tickets (€30 each) must be purchased in advance from Dr. Aideen Sullivan or Ms. Lucy Collins.