

The Edinburgh Parkinson's Lecture 2019

Advances in surgery for Parkinson's

Prof Andres M. Lozano OC, MD, PhD, FRCSC, FRSC, FCAHS

Department of Surgery, University of Toronto

Royal College of Physicians of Edinburgh

9 Queen Street, Edinburgh EH2 1JQ

7.15 pm on Monday 30th September 2019



Admission by ticket only

Tickets are free but advance registration is required.

Application may be made through Eventbrite at www.edinburghparkinsons.org
or by using the attached postal application form.

Our speaker

Professor Andres M. Lozano

Biography

Professor Andres M. Lozano, OC, MD, PhD, FRCS, FRSC, FCAHS

Neurosurgeon, Krembil Neuroscience Centre, University Health Network

Prof Lozano is University Professor and Chairman of Neurosurgery at the University of Toronto and holds the Tasker Chair in Functional Neurosurgery at Toronto Western Hospital and a Tier 1 Canada Research Chair in Neuroscience.

Prof Lozano has an active laboratory dedicated to the study of neurodegeneration and functional neurosurgery. He is best known for his work in the field of Deep Brain Stimulation (DBS). He and his team use electrical recording and stimulation mapping of hitherto unexamined brain areas for the identification and testing of novel therapeutic targets for DBS. He has pioneered applications of DBS for locomotor brainstem areas in Parkinson's disease, and for other conditions, including depression, dystonia, anorexia, Huntington's and Alzheimer's disease. His recent work has shown that DBS can also drive neurogenesis and enhance memory function.

Prof Lozano has over 600 publications and serves on the board of several international organizations. He is the most cited neurosurgeon in the world according to



Thompson Reuters/Clarivate Analytics. He has received a number of honours including the Olivecrona Medal and Pioneer in Medicine Award, and has been elected to the Royal Society of Canada, Order of Spain and Order of Canada.

This lecture has been arranged and funded by the Edinburgh Branch of Parkinson's UK, the Lothian Parkinson's Service Advisory Group & the MRC Centre for Regenerative Medicine at the University of Edinburgh.

Lecture Programme

7:15pm Monday 30th September 2019

Entry to the venue is from 6.00 pm.

There will be a reception with light refreshments before the lecture.

Welcome and Introduction Professor Siddharthan Chandran, MacDonald Professor of Neurology, University of Edinburgh

Lecture Professor Andres Lozano, University of Toronto

Questions Dr David Breen, Honorary Consultant Neurologist, NHS Lothian and Senior Clinical Research Fellow, University of Edinburgh

Closing remarks Annie Macleod, Scotland Director, Parkinson's UK

Vote of thanks Professor David Melton, Edinburgh Branch, Parkinson's UK

Applications for tickets

Admission is free but by ticket only

Tickets will be issued on a first-come first-served basis.

Applications may be made by using the online service, Eventbrite, via our website

www.edinburghparkinsons.org

Applications may also be made by post, using the attached application form, which should be completed and returned to:

**Prof David Melton
7 Frogston Terrace
Edinburgh EH10 7AD**

Seating in the first three rows of the lecture theatre will be reserved for those with limited mobility. Please note that due to Health and Safety requirements the venue can only accommodate up to six wheelchairs.

Our sponsors

Edinburgh Branch Parkinson's UK



We help people with Parkinson's, their families and friends in Edinburgh and Lothian in any way we can. We offer opportunities for members to meet, share experience and support each other as well as information about health and life style issues, and a broad range of group activities. We also represent local Parkinson's interests to NHS Lothian

and other agencies. We want the best standards of care and medical facilities for people with Parkinson's in Lothian. **Contact:** email: Honsec@edinburghparkinsons.org, tel: 07594 481175, www.edinburghparkinsons.org

Lothian Parkinson's Service Advisory Group



The Group was founded in 2007 by Parkinson's specialists to co-ordinate and develop services for people with Parkinson's in Lothian. The Chair is Dr Conor Maguire, Consultant Physician, Medicine for the Elderly at WGH Edinburgh. Pictured are the three members of the Parkinson's Specialist Nurse Team. Left to Right; Allison

Darbyshire, Alison Stewart and Tina Daniels. **Contact:** Alison Stewart, email: Parkinsons.nursespec@luht.scot.nhs.uk, tel: 0131 465 9156

MRC Centre for Regenerative Medicine, University of Edinburgh



The MRC Centre for Regenerative Medicine is a world leading research centre based at the University of Edinburgh. The Centre is based at the Scottish Centre for Regenerative Medicine building, on a site shared by the Royal Infirmary Hospital and the University's Clinical Research facilities. With new state-of-the-art facilities and

a team of scientists and clinicians, the Centre is uniquely positioned to translate scientific knowledge to industry and the clinic. **Contact:** Dr Tilo Kunath, email: tilo.kunath@ed.ac.uk, tel: 0131 651 9500, www.crm.ed.ac.uk

MRC Protein Phosphorylation and Ubiquitylation Unit, University of Dundee



We are partners in the Dundee Edinburgh Parkinson's Research Initiative. Our work aims to change lives by helping to cure human disease. With support from the MRC and a range of charities, we collaborate with leading research centres around the world. We also work with clinicians and pharmaceutical companies to translate our discoveries into medical progress.

Contact: Dr Esther Sammler, email: e.m.sammler@dundee.ac.uk

