

EFSD

European Foundation for the Study of Diabetes

Report 2014

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EFSD

European Foundation for the Study of Diabetes

Introduction

In 1999 the European Association for the Study of Diabetes (EASD) created its own Foundation - the European Foundation for the Study of Diabetes (EFSD) - in order to support more actively diabetes research in Europe and to serve even more effectively the goals of EASD, which are: to encourage and support research in the field of diabetes, to rapidly diffuse acquired knowledge, and to facilitate its application.

EFSD is a non-profit foundation, which seeks to support the highest quality research in Europe to find a cure for all types of diabetes and associated complications and to prevent their onset. EFSD aims to co-operate with other government and non-government agencies in order to increase funding in European diabetes research as a means of achieving its goals. Through its various activities and programmes, the Foundation also strives to enhance awareness in Europe of the severity and magnitude of this devastating disease. It is the ambition of the Executive Committee to develop EFSD as the main European funding agency for diabetes research.

The Foundation is closely related to EASD; it is governed exclusively by the Executive Committee of EASD, which itself is under the close supervision of the EASD Council and General Assembly. The Foundation operates on a strictly non-profit basis under the control of the relevant authorities in Germany.

EFSD has committed an amount approaching
100 million Euro to European diabetes research

EFSD receives generous donations from industry which, together with standalone funding initiatives, has resulted in almost 100 million Euro being raised for diabetes research in Europe.

All applications are subject to rigorous peer review by a fully independent panel of leading experts in the field, and awards are based on scientific merit. Applications from non-profit organisations are welcome from Europe or any associated country as well as named non-European countries in the context of collaborative research programmes (see individual programme details).

Further information on EFSD Programmes is available on the website of the Foundation:

www.EuropeanDiabetesFoundation.org

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European Foundation for the Study of Diabetes

Grant Programmes 2014

EFSD European Diabetes Research Programme in Patient Education

supported by an educational research grant from
AstraZeneca

Programme and Research Focus

The EFSD European Diabetes Research Programme in Patient Education is intended to encourage new projects aimed at advancing current knowledge in this domain.

This Programme supports research into the clinical and medical evaluation of patient-related outcomes in relation to the type 2 diabetes chronic condition, the benefits of its treatment and management and the potential impact of educational and disease management programmes, focusing on holistic approaches to patients with type 2 diabetes, patient engagement and better understanding of the complex physiological and behavioural aspects of the disease.

Awards in 2014

Based on the recommendations of the Review Committee, an award was made to the following:

Sean Dinneen: Galway University Hospital - Ireland

Adnan Sharif: Queen Elizabeth Hospital - Birmingham, UK

EFSD European Diabetes Research Programme in Cellular Plasticity Underlying the Pathophysiology of Type 2 Diabetes

supported by an educational research grant from
AstraZeneca

Programme and Research Focus

Whilst it is recognised that type 2 diabetes is the consequence of inadequate beta cell function in the face of insulin resistance, the underlying molecular defects remain elusive. Recent results have implicated cellular plasticity in the disease process, with partial or complete dedifferentiation of beta cells and insulin target cells. A more complete understanding of such cellular plasticity in type 2 diabetes and the potential for its reversibility may lead to the development of novel therapies.

While all proposals relevant to this research focus will be considered, those projects studying the effect of GLP-1 or DPP4 inhibition on cellular plasticity underlying the recovery of beta cell function are particularly welcome.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Philippe Bertolino: University Claude Bernard Lyon I - France

Andrea Giaccari: Catholic University of Sacro Cuore - Rome, Italy

Tomasz Jurkowski: University of Stuttgart - Germany

Raphael Scharfmann: Cochin Institute - Paris, France

Francesca Sgagnoli: Max-Delbrueck Center for Molecular Medicine - Berlin, Germany

EFSD European Clinical Diabetes Research Programme in Macrovascular Complications of Diabetes

supported by an educational research grant from
AstraZeneca

Programme and Research Focus

This clinical diabetes research programme has been created in order to stimulate and accelerate European clinical research, and encourage projects aimed at advancing current knowledge of macrovascular complications of diabetes.

Cardiovascular disease is the leading cause of morbidity and mortality in people with type 2 diabetes, the risk of CV disease being 2 to 3 times higher in people with diabetes compared to those without diabetes. Aggressive control of CV risk factors reduces the risk of cardiovascular events, and there is conclusive evidence that improving glycaemic control significantly reduces the risk of developing diabetic microvascular complications. There is also a need to better understand the effects of new antidiabetic medications (i.e. GLP-1 RA, DPPIV inhibitors, SGLT2 inhibitors) on the cardiovascular system and their actions on cardiovascular disease in type 2 diabetes.

Awards in 2014

Based on the recommendations of the Review Committee, an award was made to the following:

Orina Belton: University College Dublin - Ireland

Reinhard Holl: University of Ulm – Germany

EFSD/Boehringer Ingelheim

European Diabetes Research Programme

Programme and Research Focus

EFSD and Boehringer Ingelheim have established a partnership called EFSD/Boehringer Ingelheim European Diabetes Research Programme. This programme consists of two elements, each with a different focus:

1. Regulation of secretion and/or function of pancreatic hormones. In particular, proposals dealing with the following are especially but not exclusively welcome: investigation of the role, function and mechanism of non-beta cells; crosstalk between various hormones and/or cell types of the endocrine pancreas. Only basic research projects will be considered for this Programme

2. Mechanisms relating renal dysfunction to cardiovascular disease in type 2 diabetes. In particular, proposals dealing with the following are especially, but not exclusively, welcome: projects investigating novel biomarkers or the translation of experimental hypotheses and clinical results. Only clinical / translational research projects will be considered for this Programme.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Basic:

Isabella Artner: Lund University - Sweden
Sebastian Barg: Uppsala University - Sweden
Gavin Bewick: Kings College London - UK
Bertrand Blondeau: University Pierre and Marie Curie - Paris, France
Fiona Gribble: University of Cambridge - UK

Clinical:

Didac Mauricio: Uni Hospital Germans Trias Pujol - Badalona, Spain

EFSD/Janssen

Programme for the Study of the Role of the Kidney in Diabetes

Programme and Research Focus

The EFSD and Janssen partnership encourages new projects aimed at advancing current knowledge in the role of the kidney in diabetes.

The EFSD/Janssen Programme for the Study of the Role of the Kidney in Diabetes is intended to stimulate and accelerate European research aimed at understanding the role of the kidney in diabetes. The emphasis of the Programme is on renal glucose handling and metabolism, and in particular its physiological and pathophysiological role in type 2 diabetes. To achieve its goals, the partnership seeks to support basic and clinical research in this scientific area.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Claire Elizabeth Hills: University of Lincoln - UK

Daniel Patschan: University Hospital of Göttingen – Germany

EFSD/Lilly

European Diabetes Research Programme

Programme and Research Focus

The EFSD/Lilly European Diabetes Research Fund was created to promote increased European diabetes research and to increase public awareness and political understanding of the magnitude and burden of the disease.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Nabil Djouder: Spanish National Cancer Research Centre - Madrid, Spain
Michelangelo Foti: University of Geneva - Switzerland
Shahram Hedjazifar: Lundberg Laboratory for Diabetes Research - Sweden
Marju Orho-Melander: Lund University - Malmö, Sweden
Romano Regazzi: University of Lausanne - Switzerland
Romeo Ricci: IGBMC - Illkirch-Graffenstaden, France
Mikael Rydén: Karolinska Institute - Stockholm, Sweden
Emmanuel Van Obberghen: University of Nice – France

EFSD/MSD

European Research Programme on Novel Therapies for Type 2 Diabetes

Programme and Research Focus

The EFSD/MSD European Research Programme on Novel Therapies for Type 2 Diabetes is intended to stimulate and accelerate European research focusing on the identification and molecular understanding of new targets for the treatment of type 2 diabetes.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Haim Cohen: Bar Ilan University - Ramat Gan, Israel
David Dombrowicz: INSERM - Lille, France
Anders Tengholm: Uppsala University – Sweden

EFSD European Research Programme in Microvascular Complications of Diabetes with the financial support of Novartis Pharma AG

Programme and Research Focus

EFSD has established this independent research programme with the financial support of Novartis Pharma AG to encourage new projects aimed at advancing current knowledge in this domain. This Programme is intended to stimulate and accelerate European basic and clinical research focusing on microvascular complications of diabetes.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Yuxi Feng: University of Heidelberg - Germany
Rebecca Foster: University of Bristol - UK
Yossi Mandel: Bar Ilan University - Ramat Gan, Israel
Dan Ziegler: German Diabetes Center - Düsseldorf, Germany

EFSD/Novo Nordisk

Programme for Diabetes Research in Europe

Programme and Research Focus

The EFSD/Novo Nordisk Programme for Diabetes Research in Europe Programme was created to encourage both clinical and basic research in diabetes.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Lena Alexopoulou: University Aix-Marseille - France
Harry Heimberg / Luc Bouwens: Free University Brussels – Belgium
Francesco Cosentino: Karolinska Institute - Stockholm, Sweden
Sandra Guilmeau: Paris Descartes University - France
Federico Mayor: Autonomous University Madrid - Spain
Susan Wong: Cardiff University - UK

EFSD/Sanofi

European Research Programme: Innovative Approaches for the Treatment of Type 1 and Type 2 Diabetes

Programme and Research Focus

The Programme is intended to stimulate and accelerate European basic and clinical research focusing on innovative approaches to treat type 1 and/or type 2 diabetes through increased understanding of the underlying pathophysiological processes.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Paolo Fiorina: San Raffaele Scientific Institute - Milan, Italy
Chantal Mathieu: Catholic University Leuven - Belgium
Eran Segal: Weizmann Institute of Science - Rehovot, Israel

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European Foundation for the Study of Diabetes

Fellowship Programmes 2014

EFSD Albert Renold Travel Fellowship Programme

supported by an unrestricted educational grant
from Merck Sharp & Dohme (MSD)

The EFSD Albert Renold Fellowship Programme enables young scientists to travel to and stay at other institutions in order to learn new techniques in basic or clinical diabetes research. The duration of the stay should not exceed three months. Albert Renold Fellowships are available throughout the year.

In 2014 the following Fellowships were awarded:

Alex Rafacho: visiting The Miguel Hernández University of Elche, Spain
Amin Ardestani: visiting Smith College, USA
Ana Catarina Fonseca: visiting Uppsala University Hospital
Ana Sofia Martins: visiting Instituto de Investigaciones Biomedicas, Spain
Andreia Sofia Matos Madeira: visiting Harvard Medical School, USA
Angela Serena Maione: visiting Heidelberg University, Germany
Anouk Middelweerd: visiting Deakin University, Australia
Carlo La Spina: visiting Ramin Tayayoni - Pr. Pascale Massin Hospital - France
Carlos Manuel de Moura Ferreira: visiting Instituto de Investigaciones Biomedicas, Spain
Cecile Jacovetti: Washington University, USA
Chloé Chretien: visiting Rutgers University - New Jersey, USA
Claire Laurens: visiting University of Copenhagen, Denmark
Edith van den Hooven: visiting University of Western Australia
Edward Oladapo Olaniru: visiting Harvard Medical School, USA
Elena Gonzalez Ruano: visiting University of Pennsylvania, USA
Elena Pontarini: visiting Queen Mary University of London, UK
Emma Lees: visiting Pennington Biomedical Research Center, USA
Evangelia Meimeti: visiting Veves Aristidis - Harvard Medical School, USA
Everson Nunes: visiting University of Southampton, UK
Gilda Varricchi: visiting Imperial College London, UK
Ines Alves: visiting University of Arkansas, USA
Jakob Ostergaard: visiting Imperial College London, UK
Jasmin Hauzenberger: visiting Thomas Jefferson University – Philadelphia, USA
Jessica Kieffe-de Jong: visiting Harvard School of Public Health, USA
Juraj Rievaj: visiting University of Cambridge, UK
Linda Landini: visiting University of Turku, Finland
Lisa Cadavez Trigo: visiting Florida Hospital - Florida, USA
Louise Dekker: visiting National University of Singapore
Margoot Cuba: visiting Clinico San Carlos Hospital, Spain

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Maria Rosaria Rusciano: visiting Heidelberg University, Germany
Maria Vega: visiting Hospital Clinico San Carlos, Spain
Melanie Penke: visiting University of Copenhagen, Denmark
Nicolae Mircea Panduru: visiting Folkhalsan Research Center, Finland
Nikolai Wewer Albrechtsen: visiting Max-Planck Institute, Munich, Germany
Percy Saldana Cristobal: visiting St Carlos University, Spain
Petr Zouhar: visiting University of Coimbra, Portugal
Qian Yu: visiting University of California Berkeley, USA
Reza Esmailie: visiting Harvard Medical School, USA
Seema Dangwal: visiting Harvard Medical School, USA
Shaik Abdullah Nawabjan: visiting University of Coimbra, Portugal
Silvia Canivall: visiting IUMSP - Lausanne, Switzerland
Sonia Pereira: visiting Harvard Medical School, USA
Sonja Bertram: visiting Harvard Medical School, USA
Sophie Louise Wardle: visiting Deakin University, Australia
Vera Francisco: visiting Alberto Sols Institute - Madrid, Spain

EFSD/JDS

Reciprocal Travel Research Fellowship Programme

Programme and Research Focus

The objective of the EFSD/JDS Reciprocal Travel Research Fellowships is to encourage collaborative research in the field of diabetes. Applications for Fellowships to carry out a scientific project will be accepted from both applicants working in Japan to travel to Europe or its associated countries and also from applicants working in Europe or its associated countries to travel to Japan. The host institution must be a recognised research institution and applicants should have demonstrated their ability in the field of diabetes research.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Keizo Kaneko: Tohoku University Graduate School of Medicine - Japan

EFSD Rising Star Fellowship Programme

supported by Novo Nordisk

Programme and Research Focus

The EFSD Rising Star Fellowship Programme aims to identify promising and innovative young researchers who are developing their research activities in Europe. Selected candidates receive a fellowship award, and also have the opportunity to present an overview of their past and ongoing research activities during a multidisciplinary research symposium at the EASD Annual Meeting.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Hiddo Jan Heerspink: University Medical Center - Groningen, The Netherlands
Lorenzo Pasquali: Centre Esther Koplowitz, FCRB - Spain
Gijs H Goossens: Maastricht University - The Netherlands
Rinke Stienstra: Radboud University - Nijmegen, The Netherlands

EFSD/Lilly

Research Fellowship Programme

Programme and Research Focus

The objective of the EFSD/Lilly Research Fellowships is to encourage innovative research in the fields of diabetes and its complications, and to promote excellence in medical education. Applicants should have demonstrated their ability in the field of diabetes research.

Awards in 2014

Based on the recommendations of the Review Committee, awards were made to the following:

Céline Cruciani-Guglielmacci: Paris Diderot University - France

Isabel Göhring: Charité University Medicine Berlin - Germany

Veronica Jiménez: Autonomous University of Barcelona - Spain

Troy Merry: ETH Zurich - Schwerzenbach, Switzerland

Jonas T Treebak: University of Copenhagen - Denmark

Further Programme details and all deadline dates can be found on the EFSD website:

www.EuropeanDiabetesFoundation.org

Review Committee Members

EFSD is most grateful to the following colleagues who served on the programme review committees in 2014:

Afshan Malik
Anders Rosengren
Bernard Thorens
Christian Herder
Daniel Konrad
Edwin Gale
Gavin Bewick
Gianpaolo Zerbini
Hadi Al-Hasani
Heiko Lickert
Johann-Baptist Gallwitz
Line Kleinebreil
Massimo Porta
Miriam Cnop
Nils Billestrup
Paul Squires
Pietro Formisano
Shanta Persaud
Valeriya Lyssenko

Allan Flyvberg
Anna Solini
Bruno Verges
Christian Widmann
David Preiss
Ewan Pearson
Geltrude Mingrone
Giatgen Spinaz
Hans-Peter Hammes
Ivonne Loeffler
Kare Birkeland
Luigi Gnudi
Matthias Blüher
Nicole Müller
Norbert Lamiere
Peter Rossing
Pirjo Nuutila
Timothy Frayling

Allan Vaag
Benjamin Glaser
Caspar Schalkwijk
Claes-Goran Östenson
Dominique Langin
Fiona Gribble
Gianluca Perseghin
Guy Rutter
Harry Heimberg
Jacques Philippe
Lena Eliasson
Marina Trento
Michael Lehrke
Nikolaus Marx
Norbert Stefan
Piero Marchetti
Rudy Bilous
Trond Janssen

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European Foundation for the Study of Diabetes

EFSD Executive Committee and Administration

Executive Committee:

President: AJM Boulton - Manchester
Vice President: P Fioretto - Padova
Vice President: B Thorens - Lausanne
Honorary Secretary: P-H Groop - Helsinki
Honorary Treasurer: M Roden - Düsseldorf
Editor in Chief - *Diabetologia*: J Zierath - Stockholm
Chairman PGEC: L Czupryniak - Lodz

Chairman U Smith - Gothenburg
Honorary Chairman: P A Halban - Geneva

Scientific Board: S Amiel - London
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M Fisher – Glasgow
Ele Ferranini - Pisa
M Stumvoll - Leipzig
C Tack - Nijmegen
M Walker - Newcastle

Executive Director: V Jörgens - Düsseldorf
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