

EFSD

European Foundation for the Study of Diabetes

Report 2015

EFSD

European Foundation for the Study of Diabetes

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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

EFSD

European Foundation for the Study of Diabetes

Grant Programmes

2015

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 2015

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

Eelco de Koning: Hubrecht Institute - Utrecht, The Netherlands

Natalia Rudovich: German Institute of Human Nutrition Potsdam - Nuthetal, Germany

Thomas Solomon: University of Birmingham - UK

Nils Wierup: Lund University - Malmö, Sweden

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 2015

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

Coen Stehouwer: University Hospital Maastricht - The Netherlands

Cees Tack: Radboud University Medical Center - Nijmegen, The Netherlands

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 2015

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

Basic:

Gabriela da Silva Xavier: Imperial College London – UK
Lena Eliasson: Lund University Diabetes Centre – Sweden
Patrick Gilon: Catholic University of Louvain - Brussels, Belgium
Stephan Speier: Paul Langerhans Institute Dresden – Germany
Itai Yanai: Technion–Israel Institute Technology – Haifa, Israel

Clinical:

Anton van Zonneveld: Leiden University Medical Center - The Netherlands

EFSD/JDRF/Lilly European Programme in Type 1 Diabetes Research

Programme and Research Focus

EFSD, JDRF and Lilly have established a new programme called EFSD/JDRF/Lilly European Programme in Type 1 Diabetes Research to encourage new projects aimed at advancing current knowledge in this domain.

The general goals of the Programme are to:

- i.) promote the highest quality of basic biomedical and clinical research in Europe and its associated countries applicable to type 1 diabetes;
- ii.) expedite the practical application of scientific advances in our understanding of the aetiology, pathogenesis, treatment and prevention of type 1 diabetes and its complications;
- iii.) encourage clinical translational research bridging the bench and the bedside;
- iv.) increase awareness of type 1 diabetes research throughout Europe.

Awards in 2015

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

Yuval Dor: Hebrew University of Jerusalem - Israel
Silvia Gregori: Fondazione Centro San Raffaele - Milan, Italy
Roberto Mallone: Cochin Institute - Paris, France
Geert Martens: Brussels Free University - Belgium
Giuseppe Matarese: CNR - Naples, Italy
Nikolay Ninov: Technical University Dresden - Germany
Rocky Strollo: University Campus Bio-Medico - Rome, Italy

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 2015

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

Henning Beck-Nielsen: Odense University Hospital - Denmark

Daniel Cunha: Free University of Brussels - Belgium

Eran Elinav: Weizmann Institute of Science - Rehovot, Israel

Josep Jimenez-Chillaron: University of Barcelona - Spain

Philippe Lefebvre: University of Lille - France

Charlotte Ling: Lund University - Malmö, Sweden

Nico Mitro: University of Milan - Italy

Matthew Poy: Max Delbrueck Center for Molecular Medicine - Berlin, Germany

Petter Storm: Lund University Diabetes Center - Malmö, Sweden

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EFSD European Research Programme on New Targets for Type 2 Diabetes

supported by an educational research grant from
MSD

Programme and Research Focus

The EFSD/MSD European Research Programme on New Targets 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 2015

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

Paul Franks: Lund University - Malmö, Sweden

Susanne Mandrup: University of Southern Denmark - Odense, Denmark

Wouter van Marken Lichtenbelt: Maastricht University - The Netherlands

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 2015

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

Eugenia Carvalho: University of Coimbra - Portugal
Richard Hulse: University of Nottingham - UK
Olivia Lenoir: Hospital George Pompidou - Paris, France
Dinesh Selvarajah: University of Sheffield - UK

EFSD/Novo Nordisk Programme for Diabetes Research in Europe

Programme and Research Focus

The EFSD/Novo Nordisk Programme for Diabetes Research in Europe was created to encourage both clinical and basic research in diabetes. Applications from all fields of diabetes research, including both basic and clinical research, will be considered.

Awards in 2015

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

Romain Barrès: University of Copenhagen - Denmark
Peter Carmeliet: Flanders Institute for Biotechnology - Zwijnaarde, Belgium
Birgit Gustafson: University of Gothenburg - Sweden
Jens Juul Holst: University of Copenhagen - Denmark
Johan Jonker: University Medical Center Groningen - The Netherlands
Claudia Miele: National Council of Research - Naples, Italy
Bart Staels: University Lille - France

EFSD/Sanofi Programme for Collaborative Clinical Diabetes Research between European and Non-European Countries

Programme and Research Focus

EFSD and Sanofi have established this Programme to foster collaboration between clinical researchers in Europe and their colleagues working in named non-European countries, who might derive particular benefit from such a collaboration offering access to a leading research institute in Europe.

Investigators from the following countries could apply: Brazil, India, Gulf States, Korea and Mexico

Awards in 2015

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

Carlos Aguilar Salinas: National Institute of Nutrition and Medical Sciences - Mexico City, Mexico

Kyung Mook Choi: Korea University - Seoul, Korea

Ahmed Abu El-Asrar: King Saud University - Riyadh, Saudi Arabia

Vivekanand Jha: The George Institute for Global Health - New Delhi, India

José Lopes de Faria: State University of Campinas - São Paulo, Brazil

Elza Muscelli: State University of Campinas - São Paulo, Brazil

Erika Rangel: Hospital Israelita Albert Einstein - São Paulo, Brazil

Maria Elizabeth Rossi da Silva: São Paulo University Medical School - Brazil

Rekha Samuel: Christian Medical College, Vellore - India

**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 2015

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

Jean-Sébastien Annicotte: University of Lille 2 - France
Zheng-Liang Zhi: King's College London - UK

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European Foundation for the Study of Diabetes

Fellowship Programmes 2015

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 2015 the following Fellowships were awarded:

Alba Gonzalez-Franquesa: University of Barcelona - Spain
Alice Marmugi: Imperial College London - UK
Anja Elaine Sørensen: Roskilde University – Denmark
Antonia Feola: University of Naples “Federico II” – Italy
Argyrios Tsakalis: Aristotle University of Thessaloniki - Greece
Ashish Kumar: Institute of Nuclear Medicine and Allied Sciences, Delhi - India
Aurora Mazzeo: University of Turin – Italy
Bárbara María Varela Rodríguez: A Coruña University (UDC) - Spain
Brandon Kayser: University Pierre and Marie Curie – Paris, France
Brendan Gabriel: Karolinska Institute – Stockholm, Sweden
Carmela Passaro: University of Naples -Italy
Carolin Besenböck: Medical University of Graz, Austria
Christoph Nowak: Uppsala University - Sweden
Cristiano de Almeida Ferreira Caramelo dos Santos: University of Coimbra - Portugal
Cristina Cosentino: University of Milan – Italy
Danuta Dudzik: San Pablo CEU University - Spain
Dario De Jesus: University of Tras-os-Montes and Alto Douro – Portugal
Denise Kühn: Technische Universität Dresden - Germany
Dimitrios Baltzis: Aristotle University of Thessaloniki - Greece
Djordje Popovic: University of Novi Sad - Serbia
Dorota Kaminska: University of Eastern Finland - Finland
Eduardo Sepúlveda Moura: Sao Joao Hospital Centre – Porto, Portugal
Eleonora Veglia: University of Turin - Italy
Erkan Tuncay: Ankara University Faculty of Medicine - Turkey
Ernesto Maddaloni: University Campus Bio-Medico – Rome, Italy
Estefania Casana Lorente: Autonomous University of Barcelona - Spain
Fábio André Bernardes Carvalho: University of Coimbra - Portugal
Federico Grimaccia: London School of Economics -UK
Filomena Napolitano: University of Naples federico II - Italy
Francisca Diaz-Perez: Medical University of Graz - Austria
Gemma Pujadas: IDIBAPS – Barcelona, Spain

Georgios Triantafyllou: Aristotle University of Thessaloniki - Greece
Györgyi Kovács: Heart Centre Foundation - Balatonfüred, Hungary
Inmaculada Ruz Maldonado: Carlos Haya University Hospital of Malaga - Spain
Javier Triñanes Ramos: Universidad de La Laguna - Spain
Joana Cristina de Jesus Viegas: New University of Lisbon - Portugal
Jody Ye: University of Bristol - UK
Juliane Czechor: German Diabetes Centre – Düsseldorf, Germany
Kerstin Rohde: University of Leipzig – Germany
Lucas Lindeboom: Maastricht University Medical Center – The Netherlands
Manuela Gachineiro Cerqueira: University of Coimbra – Portugal
Marc Schneeberger-Pané: IDIBAPS – Barcelona, Spain
Maria Luisa Mizgier: Pontificia Universidad Católica de Chile - Chile
Maria Soprano: University of Naples “Federico II” - Italy
Mariona Balfegó: IDIBAPS – Barcelona, Spain
Marta Pradas-Juni: IDIBAPS – Barcelona, Spain
Maryam Kavousi: Erasmus University Medical Center – Rotterdam, The Netherlands
Maykel López Rodríguez: University of Eastern Finland - Finland
Miriam Ejarque Carbó: Rovira Virgili University – Spain
Monia Cito: University of Parma – Italy
Muhammed Kizilgul: Ankara Diskapi Yildirim Beyazit Training and Research Hospital - Turkey
Negar Saliani: University of Tehran - Iran
Nina Krako: University of Belgrade Faculty of Medicine - Serbia
Nunzio Antonio Cacciola: Institute of Genetics and Biophysics – Napoli, Italy
Oleh Lushchak: Vasyl Stefanyk Precarpathian National University - Ukraine
Orla Finucane: University College Dublin - Ireland
Panagiota Anyfanti: Aristotle University of Thessaloniki - Greece
Rita Rodrigues Sá Ferreira: University of Coimbra – Portugal
Saleh Wada: The University of the West Indies, St Augustine Campus - Trinidad and Tobago
Sergio Rius Pérez: University of Valencia – Spain
Sonia Gisella Chia Gonzales: Cayetano Heredia Hospital – Lima, Peru
Soumavo Mukherjee: Lugansk State Medical University - Ukraine
Stavroula A. Paschou: Aristotle University of Thessaloniki - Greece
Suraj Yadav: Kings George’s Medical University – Lucknow, India
Suvi Ruohonen: University of Turku – Finland
Taulant Muka: Erasmus Medical Center – Rotterdam, The Netherlands
Tommaso de Giorgis: University of Chieti - Italy
Trudy Voortman: Erasmus Medical Center – Rotterdam, The Netherlands
Victoria Spencer Sprung: University of Liverpool - UK
Virginia ActisDato: National University of Cordoba – Argentina

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 2015

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

Michishige Terasaki: Showa University School of Medicine – Tokyo, Japan

Mototsugu Nagao: Nippon Medical School – Tokyo, 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 2015

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

Martin Heni: University Hospital Tübingen - Germany

David Hodson: Imperial College London - UK

Ruben Nogueiras: University of Santiago de Compostela - Spain

Robert Scott: University of Cambridge - UK

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 2015

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

Caroline Arous: University of Geneva - Switzerland

Elise Dalmas: University of Basel - Switzerland

Sonia Fernández-Veledo: Pere Virgil Health Research Institute - Tarragona, Spain

Luca Parrillo: Federico II University of Naples - Italy

Xavier Prieur: University of Nantes - France

Kim Ravnskjaer: University of Southern Denmark - Odense M, Denmark

Mark Russell: University of Exeter - UK

Nicolas Venteclef: Cordeliers Research Centre - Paris France

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 2015:

Hadi Al-Hasani	Norbert Lameire
Francesco Andreozzi	Dominique Langin
Francesco Beguinot	Michael Lehrke
Gavin Bewick	Heiko Lickert
Nils Billestrup	Valeriya Lyssenko
Rudy Bilous	Roberto Mallone
Matthias Blüher	Susanne Mandrup
Miriam Cnop	Piero Marchetti
Francesco Dotta	Nikolaus Marx
Lena Eliasson	Geltrude Mingrone
Malin Flodström-Tullberg	Claes-Göran Östenson
Allan Flyvbjerg	Shanta Persaud
Pietro Formisano	Gianluca Perseghin
Rebecca Foster	Massimo Porta
Sylvia Franckhauser	David Preiss
Timothy Frayling	Anders Rosengren
Edwin Gale	Peter Rossing
Johann-Baptist Gallwitz	Guy Rutter
Amanda Gastaldelli	Raphael Scharfmann
Benjamin Glaser	Casper Schalkwijk
Luigi Gnudi	Patrick Schrauwen
Fiona Gribble	Jan Skrha
Hans-Peter Hammes	Giatgen Spinass
Harry Heimberg	Bart Staels
Christian Herder	Norbert Stefan
Stephan Herzig	Cees Tack
Kurt Højlund	Bernard Thorens
Trond Jenssen	Allan Vaag
Jim Johnson	Bruno Verges
Kamlesh Khunti	Christian Widmann
Daniel Konrad	Susan Wong
Sudesh Kumar	Gianpaolo Zerbini
	Dan Ziegler

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European Foundation for the Study of Diabetes

EFSD Executive Committee and Administration

Executive Committee:

President:	JR Zierath - Stockholm
Senior Vice President:	P Fioretto - Padova
Vice President:	M Stoffel - Zurich
Honorary Secretary:	P-H Groop - Helsinki
Honorary Treasurer:	M Roden - Düsseldorf
Editor in Chief - <i>Diabetologia</i>:	S Marshall - Newcastle
Chairman PGEC:	L Czupryniak - Lodz

Chairman	S del Prato - Pisa
Honorary Chairman:	P A Halban - Geneva

Scientific Board:	P Bingley - Bristol
	AJM Boulton - Manchester
	M Fisher - Glasgow
	M Stumvoll - Leipzig
	U Smith - Göteborg

Managing Director & Chief Medical Officer:	M Grüsser - Düsseldorf
Programme Co-ordinators:	M Buckley - Düsseldorf
	S Köhnen - Düsseldorf

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