



Development of novel treatment strategies based on knowledge of cellular dysfunction in diabetes (BetaBat)

consortiapedia.fastercures.org/consortia/betabat/

Research Areas



Biomarker Research

Diagnostic



Basic Research

At a Glance

- Status: **Active Consortium**
- Year Launched: **2011**
- Initiating Organization: **European Commission Seventh Framework Programme (FP7)**
- Initiator Type: **Government**
- Location: **Europe**

Abstract

The European project BetaBat aims to develop new treatment strategies based on knowledge of cellular dysfunction in diabetes.

Mission

BetaBat will perform a detailed organelle diagnosis based on both focused and systems biology approaches, which will provide the scientific rationale for the design of specific interventions to boost the capacity of beta cells and brown adipocytes to regain homeostatic control. The project proposes that only by understanding the complex molecular mechanisms triggering cellular dysfunction in diabetes, and by integrating this knowledge at the systems level, will it be possible to develop interventional therapies that protect and restore beta cell and BAT function. The ultimate goal is to offer individual therapeutic choices based on both genetic information and organelle diagnosis.



Consortium History

The project was launched in October 2011.

Financing

BetaBat is a collaborative project funded by the European Commission under the Seventh Framework Programme.

Links/Social Media Feed

Homepage

<http://betabat.ulb.ac.be/>

Points of Contact

Prof. Décio L. Eizirik (coordinator)

U.L.B. CP618

Route de Lennik 808

1070 Brussels (Anderlecht)

Belgium

phone: ++32 (0)2 555 6242

email: deizirik@ulb.ac.be

Sponsors & Partners

DNA Vision SA

Lund University

Medizinische Hochschule Hannover

Sanford-Burnham Medical Research Institute

Sirion Biotech

Universitat de Barcelone

Universite de Lausanne



Universite Libre de Bruxelles

University of Cambridge

VTT Technical Research Centre of Finland

Updated: **04/14/2016**