



Researcher / Enterprise

Profile form

FP7 – Health

(for Partners aiming to join a consortium)



Date 2009 09 28

Valid until: jjj mm dd

CONTACT DETAILS

Research organisation / Enterprise	Center for Neurosciences and Cell Biology – University of Coimbra
Organisation Name	Center for Neurosciences and Cell Biology – University of Coimbra
Department	
Address City Country	Dept of Zoology University of Coimbra 3004-517 Coimbra
www address	http://www.cncb.pt/research/areaF4_2.asp?lg=2

Researcher / Contact person	Eugenia Carvalho, MSc, PhD
Name / Surname	Eugenia Carvalho, MSc, PhD
Gender	<input type="checkbox"/> M <input checked="" type="checkbox"/> F
Telephone Fax	+ 351-239-834-729 + 351-239-835-812
E-mail	ecarvalh@cnc.uc.pt

ORGANISATION TYPE

Research organisation type	<input checked="" type="checkbox"/> Research Organisation	Is your company a Small and Medium Sized Enterprise (SME*)? Number of employees:	<input type="checkbox"/> YES	<input type="checkbox"/> NO
	<input type="checkbox"/> Company			
	<input type="checkbox"/> Other			

Description of research activity:

Our group is interested in studying metabolism. We are addressing questions related to intracellular signalling in insulin resistance, diabetes, atherosclerosis, inflammation and hopefully apply these findings to the development of new therapies for diabetes. Work unravelling the importance of the adipocyte as an endocrine organ is under way.

Major Research Interests

- * Molecular mechanisms of insulin resistance
- * Molecular pathogenesis of type 2 diabetes and obesity
- * The adipocyte as a source and target for inflammation and atherosclerosis
- * Insulin action, glucose transport, intermediary metabolism
- * Signal transduction pathways in the cardiovascular system
- * The complications of diabetes, angiogenesis and wound healing

Former participation in an FP European project?

YES NO

Project title / Acronym:

Activities performed:



Researcher / Enterprise

Profile form

FP7 – Health

(for Partners aiming to join a consortium)



* Your enterprise is an SME if:

- it is engaged in **economic activity**
- it has **less than 250 employees**
- it has either an **annual turnover not exceeding €50M**, or an **balance sheet total not exceeding €43M**
- it is **autonomous**

For the definition of SMEs, look at:

http://ec.europa.eu/enterprise/enterprise_policy/sme_definition/index_en.htm



Researcher / Enterprise



Profile form FP7 – Health

(for Partners aiming to join a consortium)

EXPERTISE/COMMITMENT OFFERED

Keywords specifying the expertise:

Insulin signaling; adipocytes; inflammation; wound healing; diabetes; metabolism; congestive heart failure; immunosuppressive agents; stem cells

Description of the expertise:

We are interested in studying Congestive heart failure from the metabolic stand point: Characterizing insulin action, glucose uptake and insulin signaling in epicardial fat and the cardiomyocyte in patients with CHF with and without diabetes. We are also interested in studying the effects of inflammation on wound healing, as well as, the adverse drug reaction of immunosuppressive drugs. We are interested in finding collaborations.

Commitment offered

Research Demonstration Training
 Technology Dissemination Other:

Interested in participation in Project types

<input checked="" type="checkbox"/> Large-scale integrating collaborative project	<input checked="" type="checkbox"/> Small or medium-scale focused research collaborative project	<input type="checkbox"/> Targeted to SMEs	<input checked="" type="checkbox"/> Other (Marie Curie Actions, ERA-NET...):
<input type="checkbox"/> Coordination and Support Action	<input checked="" type="checkbox"/> Network of Excellence	<input type="checkbox"/> Research for the benefit of SMEs	

Call references

HEALTH-2010-single stage

Call Topic(s): Cardiovascular diseases; adverse drug reaction research; inflammation in wound healing and colitis | HEALTH.2010.2.4.2-4; HEALTH.2010.2.4.5-2; HEALTH.2010.4.2-3

EXPECTATIONS

Term commitment

Short (< 1 year) X Medium (1 to 3 years) X Long (more than 3 years)

Expected results for your organisation:

Valuable collaborations and scientific and student exchange

I agree with the publication of my contact data: x YES NO

PLEASE FILL IN THE PROFILE FORM AND RETURN IT TO:

Portuguese NCP for "Health" Theme Organisation	Joana Camilo and/or Maria João Fernandes
Tel.	GPPQ – Gabinete de Promoção do 7º Programa-Quadro de I&DT / FP7 Promotion Office (+351) 21 782 83 09 21 4469341
E-mail	joana.camilo@gppq.mctes.pt maria.joao@gppq.mctes.pt