

# Science communicator and biologist

Currently: Coordinator of a European project named KiiCS (Knowledge Incubation in Innovation and Creation for Science) at Pompeu Fabra University and freelance scientific journalist

## PERSONAL DATA

**Name:** Marta Palomo de Udaeta

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## ACADEMIC FORMATION

**Master's degree in Scientific, Medical and Environmental Communication, in Universitat Pompeu Fabra, (UPF). Barcelona 2011.**

**Ph. D. Degree in Physiology, University of Barcelona (UB), 2011. Spain**

Thesis Advisors: Maribel Díaz Ricart, Ph. D., and Enric Carreras, MD. and Ph. D.

Title: "Endothelial dysfunction during haematopoietic stem cell transplantation"

Funded by: **Josep Carreras German Foundation**

**Bachelor in Science (Biology), UB, Spain 2004**

## WORK HISTORY

### **Publications in Press and Writing Broadcasting**

- News, reports, interviews and press coverages for **SINC Agency**.
- News and reports in the newspapers **Público** (nation-wide coverage), **Ara** (regional coverage), and **Heraldo de Aragón** regional coverage).
- Participation in the public Science Festival **STAS Alicante 2012** for **QUO magazine**.
- Reports in the science news portal [e-ciencia.com](http://e-ciencia.com), 2011.
- Chronicle on a journalist visit to the EMBL and DKFZ research centers in Heidelberg, funded by **European Union of Science Journalists' Associations** (EUSJA). Publication in **Associació Catalana de Comunicació Científica** magazine, July 2011.

### **Radio Broadcasting**

- In 'Eureka': Program specialized on the popularization of science and technology, **COMRàdio** (regional coverage)
- In 'A hombros de gigantes', Program specialized on the popularization of science, **RNE5** (nation-wide coverage)
- In 'El sol sale por el oeste', magazine program, Canal Extremadura (regional coverage)

### **Publications in Scientific Journals**

- "NFκB in the development of endothelial activation and damage in uremia: an in vitro approach". Caballo C, **Palomo M**, Cases A. et al. **PLoS One**. 2012
- "Endothelin-1 levels predict endothelial progenitor cell mobilization after acute myocardial infarction" Freixa X, Masotti M, **Palomo M**. et al. **Microvasc Res**. 2011.
- "Translational evidence of endothelial activation and damage developing in healthy obese individuals" Hanzu F, **Palomo M**, Kalko S, et al. **J Thromb Haemost**. 2011.
- "Defibrotide prevents the activation of macrovascular and microvascular endothelia caused by autologous hematopoietic stem cell transplantation" **Palomo M**, Diaz-Ricart M, et al. **Biol Blood Marrow Transplant**. 2011.

- “Proof-of-concept trial on the efficacy of sodium tungstate in human obesity.” Hanzu F, Gomis R, Coves MJ, et al. **Diabetes Obes Metab.** 2010.
- “Endothelial dysfunction after hematopoietic stem cell transplantation: Role of the conditioning regimen and the type of transplantation”. **Palomo M**, Diaz-Ricart M, Carbo C. et al. **Biol Blood Marrow Transplant.** 2010.
- “The release of soluble factors contributing to endothelial activation and damage after hematopoietic stem cell transplantation is not limited to the allogeneic setting and involves several pathogenic mechanisms”. **Palomo M**, Diaz-Ricart M, Carbo C, et al. **Biol Blood Marrow Transplant.** 2009.
- “Quantitative and qualitative analysis of proteins in fresh frozen plasma obtained from whole blood donations and prepared with two photochemical treatments”. Cid J., Ramiro L., Martínez N. et al. **Transfus Apher Sci.** 2008.
- “Apigenin inhibits platelet adhesion and thrombus formation and synergizes with aspirin in the suppression of the arachidonic acid pathway”. Navarro-Núñez L, Lozano ML, **Palomo M.** et al. **Agric Food Chem.** 2008.
- “Inhibition of tyrosine kinase activity prevents the adhesive and cohesive properties of platelets and the expression of procoagulant activity in response to collagen”. Díaz-Ricart M, **Palomo M**, Fusté B, et al. **Thromb Res.** 2008.
- “Effect of two different dialysis membranes on leukocyte adhesive and aggregating properties”. Hernandez MR, **Palomo M**, Fusté B et al.. **Nephron Clinical Practice**, 2007.

## LANGUAGES

- Spanish: Native
- Catalan: Native
- English: Fluently spoken, correctly written

## AWARDS AND GRANTS

- I Certamen Fecyt de Comunicación Científica (**writing award** by Spanish government).
- Scholarship in ‘**SINC Agency**’, Madrid. (February-August 2012)
- **Study Trip grant by EUSJA.** Heidelberg, Germany 2011
- **ISTH Young Investigation Award** by the Scientific Program Committee of the XXII Congress of the International Society on Thrombosis and Haemostasis. Boston 2009
- **First Boston Scientific Grant of Cardiovascular Investigation in Diabetes** from Spanish Society of Diabetes” 2008
- **Travel Grant** from Spanish Society of Thrombosis and Hemostasis (SETH) in National Congress of the Spanish Society of Thrombosis and Hemostasis (SETH), Canarias 2011, Barcelona 2009 and Murcia 2008.

## OTHER RELEVANT EXPERIENCE

- Member of Spanish Association of Scientific Communication (**AECC**) since 2011.
- Member of Catalan Association of Scientific Communication (**ACCC**) since 2011.
- Course of “**Towards Total Museology**” by Jorge Wagensberg, Cosmocaixa, Barcelona 2011
- National and international hematologicaal congressess.
- **Masters degree on middle and high school education teaching** “Certificado de Aptitud Pedagógica” Autonomous Barcelona University (UAB). Barcelona 2006
- Teaching experience: Instruction of undergraduate students and technicians Scuba diving certificate: **Open Water Diver** (2009)
- **Advanced computational skills** in: text and image edition and manipulation, statistics and laboratory software, spreadsheet, database and bibliography management software, and Social Media environments (Twitter, Facebook, Vimeo, Blogging platforms, Delicious...)