Andreu PALOU (Palma de Mallorca, 1952)

Full Professor of Biochemistry and Molecular Biology in the University of the Balearic Islands (UIB) since 1987. Director of the general Laboratory of Molecular Biology, Nutrition and Biotechnology of UIB, Palma de Mallorca 07122 (Spain) since 1995. Promoter of Tech-based Spin-off Company *Alimentómica S.L* and Chair of its Scientific Committee (2011-).

RELEVANT POSITIONS IN THE AREA OF FOOD SAFETY AND NUTRITION

- **Chair of the Scientific Committee of the AESAN** (Spanish Agency of Food Safety and Nutrition) (2003-2010), with head office in Madrid (Spain). Current name in 2014: AECOSAN (Spanish Agency for Consumer Affairs, Food Safety and Nutrition).
- **Vice-chair of the Scientific Panel of Nutrition of the EFSA** (European Food Safety Authority) (2002-2009), with head office in Parma (Italy).
- **2nd Vice-Chair of the Scientific Committee of Human Nutrition of the European Commission** (SCF, Scientific Committee on Food) (2000-2002), with head office in Brussels (Belgium). This organism was a precursor of the creation of EFSA.
- Member of the SCF (1997-2002), with head office in Brussels (Belgium).
- Member of scientific working groups for the evaluation of Risk's of Additives (1997-2003), Nutrition (1997-2003), Maximum Tolerable Levels of Vitamins and Minerals (1998-2003), Allergies (2003-2004), **Novel Foods and processes** (1997-2009) of the SCF and/or the EFSA. Member of the group of **Nutritional and Health Claims** (2005- 2009) of the EFSA.
- Member of the CMIEET (Scientific Multidisciplinary Committee for the Investigation in Transmissible Spongiform Encephalopathies) of the Spanish Government (Ministry of Science and Technology) (2001-2003), with head office in Madrid (Spain).
- Vice-chair of the Spanish Society of Basic and Applied Nutrition (2001-2005).
- Chair of the Technical and Scientific Committee on Food Safety of the Autonomous Community of Balearic Islands (Spain) (2005-).
- Coordinator of the Section "Biochemistry of Nutrition" of the Spanish Society of Biochemistry and Molecular Biology (1992-2000).
- Member of various committees and institutions related to Food/Human Nutrition (CCMIEC, SEEDO, SENBA) and assessing committees of private companies.

SCIENTIFIC ACTIVITY

- Director of the research team on Nutrigenomics at the UIB, which constitutes the Laboratory of Molecular Biology, Nutrition and Biotechnology –LBNB– (30 researchers involved, including 12 doctors as permanent staff) that belongs to the "CIBER de Fisiopatología de la Obesidad y Nutrición (CIBERobn)", a research organism of excellence that is an initiative of the "Instituto de Salud Carlos III" of the Spanish Government.
- Founder of Alimentómica SL (2011)
- His main topics of research are in the field of **Molecular Nutrition**, food efficacy and safety, more specifically: the mechanisms of body weight regulation (the problem of **Obesity**), the relationship between diet and genetics (**Nutrigenomics** and **Personalized Nutrition**), and the relationship between diet and disease in connection with **Food Safety** (since 1983).
- Director of the Institute Pere Virgili of Research on Health & Nutrition in Reus, Catalonia, Spain (2006-2008).
- Author of over 4**00 scientific publications** among them 250 original research articles published in peer-reviewed, international scientific journals. *H index:* 40 (June 2015)

- Author of several book chapters, monographic reviews and scientific commentaries; 9 books, 7 patents, and over 1000 communications/presentations in national and international congresses.
- Director of 24 doctoral theses and of numerous graduate thesis and MScs.
- Director of diverse Post-degree, Specialization, Master and Doctorate Programs (with quality mention).
- **Conferences or presentations in Spain and abroad**. 20-25 per year. Several main presentations (inauguration, closing) in congresses on four principal topics: "Obesity", "Food Safety and efficacy in the EU", "Functional food and Health claims", "Nutrigenomics" "the new role of Leptin"
- Reviser/assessor of I+D+I projects of diverse private or governmental institutions in Spain and other countries.
- Chair of the organizing and/or scientific committee of several national and international congresses and workshops (SEEDO, SENBA, INNOFOOD, DLARFID, MIEC, NuGO, BIOCLAIMS)
- **Prizes/recognition of the scientific trajectory** (Channel 4TV, Diario de Majorca), from various scientific societies and in some National and International Congresses. In 2007: International Award "Hipocrates" of Biomedical Research in Nutrition. Real Academia de Medicina, Principado de Asturias, España), in 2011 *Premio Alimentación y Salud* of the University of Navarra and scientific lifetime achievement award from the Spanish Society for the Study of Obesity (SEEDO). He has recently (Feb 2014) wined the **XXIII DuPont Science Award** on the subject of nutrition and health.
- Member of the selection of projects of the National Plan of R+D+i (Resource and food technology)
- **Chair of approximately 50 projects or contracts of research and development (R+D+i)** in the last 10 years founded by the Spanish Government, the European Union, and other public and private organisms. It is outstanding his currrent position as **Coordinator** (11 partners, 6 countries) of the European Project BIOCLAIMS (2010-2015) granted within the 7th framework programme of the European Union (€6M). Other European projects currently in development are: IDEFICS Family (2012-2016) (an extension of IDEFICS (Identification and prevention of Dietary- and lifestyle-induced health Effects in Children and infants) (2008-2012), DIABAT (recruitment and activation of brown adipocytes as preventive and curative therapy of type 2 diabetes) (2011-2015) and SALUX (European network to follow-up the reformulation of manufactured foods) (2011-2015).
- Among the already finished projects, the main are: 1) Chair (1994-1998) of the European network MIEC (Metabolic Integration of Energy Control) of the Human Capital and Mobility program of the EU, which involved 8 laboratories of 5 European countries; 2) Chair (1998-2003) of the Cost Action of European Scientific Cooperation "Body weight and Energy Expenditure. Functional Foods and Nutrition Technology" (COST Action 918), which involved laboratories of 17 European countries. Member of the Governing Council and the Research Board of the European Research Network of Excellence on Nutrigenomics NuGO (2004-2010), founded by the European Commission. R+D+i contracts with major private food companies

<u>OTHERS (in the UIB):</u>

He has been Secretary of the Faculty of Sciences (1984-5), Director of the Department of Biochemistry (1982-84), Assistant director of the Department of Biology (1987-), Director of the Department of Fundamental Biology and Health Sciences (1995-2003), **Dean** of the Faculty of Sciences (1985-87) and **Vicerrector** of the University of the Balearic Islands (1987-95).

GRANT FUNDING RECEIVED (last 5 years)

Various contracts with private institutions and companies

- List not included
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Participation in EU R+D+i Programmes:

- BIOCLAIMS (FP7-244995) 2009-2015. The group is leading this project, which is building up the core of the database to be incorporated in this proposal. Principal Investigator (PI) and **Coordinator** of the whole project/consortium.
- I.FAMILY (FP7-266044) 2012-2017. **IP**
- DIABAT(HEALTH-F2-2011-278373) 2011-2015. **IP**
- SALUX (grant agreement 20101210100865) 2008-2013
- IDEFICS (FOOD-CT-2006-16181) 2006-2012. **IP**
- MITOFOOD (COST Action FA0602) 2007-2011. **IP**
- NUGO (FOOD-CT-2004-506360) 2004-2009. **IP**

Participation in other international projects:

- IBERCAROT (112RT0445) 2012-2015

Participation in national projects (more relevant competitive calls):

- EPIMILK (AGL2012-33692) 2013-2015. **IP**
- Nutriepigenética y adiposidad (Ramón Areces Foundation) 2012-2015
- CAIB grant to the excellence of the group (68/2011) 2011-2015. **IP**
- -BIOBESMARKERS (AGL 2009-11277) 2009-2012. **IP**
- 3 different contracts in the context of CENIT-2008-1004 PRONAOS 2009-2013 **IP**
- NUTRIGEN-C-OB (AGL-2006-04887) 2006 -2009.