



CURRICULUM VITAE

Family name: **GOÑI**

Given names: **Félix M.**

Date and place of birth: May 12th, 1951; San Sebastián, Spain

Nationality: Spanish



1. Affiliation, present position and title

Professor of Biochemistry, University of the Basque Country.

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2. Education

MBBS, 1974, Navarra (Spain); MD, 1975, Navarra; Post-doctoral, Royal Free Hospital School of Medicine, University of London, 1976-1978.

3. Summary of professional experience

Associate Professor, Department of Biochemistry, University of Bilbao, 1978-1984; Professor, Department of Biochemistry, University of Cantabria, Santander (Spain), 1984-1986; Professor, Department of Biochemistry and Molecular Biology, University of the Basque Country, 1986-present; Chairman, Department of Biochemistry and Molecular Biology, University of the Basque Country 1990-1995; Director-General of Scientific Affairs, Department of Education, The Basque Government, 1995-1999; Visiting Professor, Department of Biochemistry, University of Victoria (BC, Canada) 1999-2000; Founder and Head, Biophysics Unit (CSIC-UPV/EHU), 2002-2015; Severo Ochoa Visiting Scientist Centre for Genomic Regulation, Barcelona (2015-2016); Visiting Professor, Université de Bordeaux (2016).

3a Editorial Boards

Eur. J. Biochem., J. Colloid Interface Sci., Chem. Phys. Lipids, Biochim. Biophys. Acta Lipids, J. Chem. Biol., Annu. Rev. Biophys.

4. Research interests

Membrane biophysics; lipids, sphingolipids and membrane domains; lipid mesomorphism and phase transitions; phospholipases, sphingomyelinases and membrane fusion; protein insertion in membranes; IR spectroscopy as applied to membrane studies; membrane-targeted bacterial toxins; detergents in membrane studies.

5. Theses, publications

Supervisor of 18 Ph.D. Theses, and 24 M.Sc. Theses.

Author or co-author of 4 textbooks and 347 research papers and reviews.

6. Awards and Honours

Camps Award for Detergent Research, 1981; Wellcome Trust Fellow, 1981-82; National Basque Award for Scientific Research (*Premio Euskadi*), 2002; Numerary Member of the *Sociedad Bascongada de Amigos del País*, 2003; Honorary Professor, *Universidad Nacional de Córdoba* (Argentina), 2005; Numerary Member of *Jakiunde*, The Basque Academy for the Sciences, the Humanities and the Arts, 2007; Corresponding Academician of the Academy of Sciences of Murcia, 2008; Honorary Member, The Spanish Biophysical Society, 2011; Honorary Member, The Spanish Society for Biochemistry and Molecular Biology, 2012; Distinguished Bizkaia Citizen (*Bizkaitar Argia*), 2012; Avanti-EBSA Award for Lipid Research, 2013; Commander of the Order of Alphonse X (Spain), 2014; Corresponding Academician, The Royal National Academy of Pharmacy, Madrid, 2015; Numerary Academician, The Royal Academy of Medicine of the Basque Country, 2016; Doctor *honoris causa*, Université de Bordeaux, 2016.

7. Scientific Societies

Co-founder (1986), then Vice-President, then President (1994-1999) of the Spanish Biophysical Society; Council, Spanish Biochemical Society (1984-88); Member, FEBS Publications Committee (1999-2005); Chair, U.S. Biophysical Society Annual Meeting Program Committee, (2007); Chair, FEBS Publications Committee (2006-2011); Chair, U.S. Biophysical Society International Relations Committee (2009-2016); President-Elect, Spanish Biochemical Society (2013-2016); President, Spanish Biochemical Society (2016-).

8. Selected publications

8a. Review papers

1. Intrinsic protein-lipid interactions. Physical and biochemical evidence. Chapman D, Gómez-Fernández JC, Goñi FM. FEBS Lett. 1979 Feb 15;98(2):211-23.
2. Quantitative studies of the structure of proteins in solution by Fourier-transform infrared spectroscopy. Arrondo JL, Muga A, Castresana J, Goñi FM. Prog Biophys Mol Biol. 1993;59(1):23-56.
3. Structure and functional properties of diacylglycerols in membranes. Goñi FM, Alonso A. Prog Lipid Res. 1999 Jan;38(1):1-48.
4. Compartmentalization of ceramide signaling: physical foundations and biological effects. Kolesnick RN, Goñi FM, Alonso A. J Cell Physiol. 2000 Sep;184(3):285-300.
5. Detergent-resistant membranes should not be identified with membrane rafts. Lichtenberg D, Goñi FM, Heerklotz H. Trends Biochem Sci. 2005 Aug;30(8):430-6.

8b. Original research papers

1. Interaction of the HIV-1 fusion peptide with phospholipid vesicles: different structural requirements for fusion and leakage. Nieva JL, Nir S, Muga A, Goñi FM, Wilschut J. Biochemistry. 1994 Mar 22;33(11):3201-9.
2. Diacylglycerol and the promotion of lamellar-hexagonal and lamellar-isotropic phase transitions in lipids: implications for membrane fusion. Basanez G, Nieva JL, Rivas E, Alonso A, Goni FM. Biophys J. 1996 May;70(5):2299-306.
3. Different effects of enzyme-generated ceramides and diacylglycerols in phospholipid membrane fusion and leakage. Ruiz-Argüello MB, Basáñez G, Goñi FM, Alonso A. J Biol Chem. 1996 Oct 25;271(43):26616-21.

4. Ceramides in phospholipid membranes: effects on bilayer stability and transition to nonlamellar phases. Veiga MP, Arrondo JL, Goñi FM, Alonso A. Biophys J. 1999 Jan;76(1 Pt 1):342-50.
5. Detergent-resistant, ceramide-enriched domains in sphingomyelin/ceramide bilayers. Sot J, Bagatolli LA, Goñi FM, Alonso A. Biophys J. 2006 Feb 1;90(3):903-14.

8c. Bibliometrics

ISI data from February 2, 2017.

Results found: **347**; Sum of the times cited: **11146**; h-index: **57**.