

Curriculum Vitae

Personal information **Pablo de Felipe**

Work experience

1. Employer: Agencia Española de Medicamentos y Productos Sanitarios (AEMPS)
 - Start date: 092019
 - End date:
 - Position: Quality Assessor (2019-2021); Head of Service (Virology) (2022-)
 - Activities:
 - Country: Spain
2. Employer: Fundación Federico Flíedner
 - Start date: 092018
 - End date: 052019
 - Position: Lecturer and dean at Faculty SEUT
 - Activities:
 - Country: Spain
3. Employer: Fundación Federico Flíedner
 - Start date: 042016
 - End date: 082018
 - Position: Researcher and lecturer at Faculty SEUT
 - Activities:
 - Country: Spain
4. Employer: Agencia Española de Medicamentos y Productos Sanitarios (AEMPS)
 - Start date: 102008
 - End date: 032016
 - Position: Quality Assessor
 - Activities:
 - Country: Spain
5. Employer: University of St. Andrews
 - Start date: 102001
 - End date: 092008
 - Position: Research fellow
 - Activities:
 - Country: United Kingdom
6. Employer: Universidad Autónoma de Madrid
 - Start date: 012001
 - End date: 092001
 - Position: Postdoctoral researcher
 - Activities:
 - Country: Spain

Education and training

1. Subject: University of Bristol
 - Start date: 092014
 - End date: 012022
 - Qualification: PhD in Humanities (Religion and Theology)
 - Organisation:
 - Country: United Kingdom
2. Subject: Universidad Autónoma de Madrid
 - Start date: 071994
 - End date: 122000
 - Qualification: PhD in Chemical Sciences (Molecular Biology)
 - Organisation:
 - Country: Spain
3. Subject: Universidad Autónoma de Madrid
 - Start date: 101989
 - End date: 061994
 - Qualification: BSc in Chemical Sciences (Biochemistry and Molecular Biology)
 - Organisation:
 - Country: Spain

Additional information

Publications

LIST OF PUBLICATIONS (*review, **commentary, ***book chapter, ****regulatory) _ •2017** M. D. Ryan, C. Roulston, P. de Felipe, V. Odon, J. Tilsner & G. A. Luke. The Potential Consequences for Cell Signaling by a Class of NOD_Like Receptor Proteins (NLRs) Bearing an N-terminal Signal Sequence. J. Cell Signal. 2:148. •2016 C. Roulston, G. A. Luke, P. de Felipe, L. Ruan, J. Cope, J. Nicholson, A. Sukhodub, J. Tilsner & M. D. Ryan. '2A_Like' Signal Sequences Mediating Translational Recoding: A Novel Form of Dual Protein Targeting. Traffic 17:923_939. • 2014* G. A. Luke, U. S. Pathania, C. Roulston, P. de Felipe & M. D. Ryan. DXENPGP _ Motives for the motif. Recent Res. Devel. Virol. 9:25_42. • 2013 V. Odon, G. A. Luke, C. Roulston, P. de Felipe, L. Ruan, H. Escuin_Ordinas, J. D. Brown, M. D. Ryan & A. Sukhodub.. APE_type non_LTR retrotransposons of multicellular organisms encode virus_like 2A oligopeptide sequences, which mediate translational recoding during protein synthesis. Mol. Biol. Evol. 30:1955_65. • 2013**** A. Aiuti, G. Cossu, P. de Felipe, M. C. Galli, G. Narayanan, M. Renner, A. Stahlbom, C. K. Schneider & C. Voltz_Girolt. The committee for advanced therapies' of the European medicines agency reflection

paper on management of clinical risks deriving from insertional mutagenesis. *Hum. Gene Ther. Clin. Dev.* 24:47_54. • 2012* C. M. Knox, G. A. Luke, J. Dewar, P. de Felipe, B. J. Williams. Rotaviruses and emerging picornaviruses as aetiological agents of acute gastroenteritis. *Southern African Journal of Epidemiology and Infection* 27:141_148. • 2010 C. T. Walter, F. M. Pringle, R. Nakayinga, P. de Felipe, M. D. Ryan, L. A. Ball & R. A. Dorrington. Genome organization and translation products of Providence virus: insight into a unique tetravirus. *J. Gen. Virology* 91:2826_2835. • 2010* G. Luke, H. Escuin, P. de Felipe & M. D. Ryan. 2A to the fore – Research, technology and applications. *Biotechnology & Genetic Engineering Reviews* 26:223_260. • 2010 P. de Felipe, G. A. Luke, J. D. Brown & M. D. Ryan. Inhibition of 2A_mediated 'cleavage' of certain artificial polyproteins bearing N_terminal signal sequences. *Biotechnology Journal* 5:213_223. • 2008* V. A. Doronina, P. de Felipe, C. Wu, P. Sharma, M. S. Sachs, M. D. Ryan & J. D. Brown. Dissection of a co_translational nascent chain separation event. *Biochem. Soc. Trans.* 36:712_716. • 2008 V. A. Doronina, P. de Felipe, C. Wu, M. S. Sachs, M. D. Ryan & J. D. Brown. Site_specific release of nascent chains from ribosomes at a sense codon. *Molecular and Cellular Biology* 28:4227_4239. • 2008 G. A. Luke, P. de Felipe, A. N. Lukashov, S. Kallioinen, E. A. Bruno & M. D. Ryan. Occurrence, function, and evolutionary origins of '2A like' sequences in virus genomes. *J. Gen. Virology* 89:1036_1042. • 2008 G. M. Funston, S. E. Kallioinen, P. de Felipe, M. D. Ryan & R. D. Iggo. Expression of heterologous genes in oncolytic adenoviruses using picornaviral 2A sequences that trigger ribosome skipping. *J. Gen. Virology* 89:389_396. • 2006* G. Luke, P. de Felipe, V. M. Cowton, L. E. Hughes, C. Halpin & M. D. Ryan. Self_processing polyproteins: a strategy for co_expression of multiple proteins in plants. *Biotechnology & Genetic Engineering Reviews* 23:239_252. • 2006* G. A. Luke, P. de Felipe, L. E. Hughes & M. D. Ryan. From swords to ploughshares. *Biologist (London)* 53:190_194. • 2006 S.R. Heras, M.C. Thomas, M. García, P. de Felipe, J. L. García_Pérez, M. D. Ryan & M. C. López. L1tC non_LTR retrotransposons from *Trypanosoma cruzi* contain a functional viral_like self_cleaving 2A sequence in frame with the active proteins they encode. *Cellular and Molecular Life Sciences* 63:1449_1460. • 2006* P. de Felipe, G. A. Luke, L. E. Hughes, C. Halpin & M. D. Ryan. E UNUM PLURIBUS: multiple proteins from a self_processing polyprotein. *Trends in Biotechnology* 24:68_75. • 2005** G. Luke, P. de Felipe, L. Hughes & M. Ryan. FMDV 2A – A Cash_Cow? *BIOforum Europe* 4:48_49. • 2004* G. A. Luke, P. de Felipe, L. E. Hughes & M. D. Ryan. Skipping a turn. *Biologist (London)* 51:222_226. • 2004** P. de Felipe. Skipping the co_expression problem: the new 2A "CHYSEL" technology. *Genetic Vaccines and Therapy* 2:13. • 2004 P. de Felipe & M. D. Ryan. Targeting of proteins derived from self_processing polyproteins containing multiple signal sequences. *Traffic* 5:616_626. • 2004*** M. D. Ryan, M. L. L. Donnelly, M. Flint, V. M. Cowton, G. Luke, L. E. Hughes, C. Knox & P. de Felipe. Foot_and_Mouth Disease Virus Proteinases. In: *Foot_And_Mouth Disease: current perspectives*. E. Domingo & F. Sobrino (eds.). Horizon Scientific Press, Norfolk, England. págs. 53_76. • 2003 P. de Felipe & M. Izquierdo. Construction and characterization of pentacistronic retrovirus vectors. *Journal of General Virology* 84:1281_1285. • 2003 P. de Felipe, L. E. Hughes, M. D. Ryan & J. D. Brown. Co_translational, intra_ribosomal cleavage of polypeptides by the foot_and_mouth disease virus 2A peptide. *J. of Biological Chemistry* 278:11441_11448. • 2002* P. de Felipe. Polycistronic viral vectors. *Current Gene Therapy* 2:355_378. • 2002** P. de Felipe. Commentary of the article by F. Park, M. A. Kay (Molecular Therapy (2001) 4:164_173). *Virología* 9:35_37. • 2001 P. de Felipe, M. Izquierdo, R. Wandosell & F. Lim. Integrating retroviral cassette extends gene delivery of HSV_1 expression vectors to dividing cells. *Biotechniques* 31:394_402, 404_405. • 2000 P. de Felipe & M. Izquierdo. Tricistronic and tetracistronic retroviral vectors for gene transfer. *Human Gene Therapy* 11:1921_1931. • 2000 V. Martín, M. L. Cortés, P. de Felipe, A. Farsetti, N. B. Calcaterra & M. Izquierdo. Cancer gene therapy by thyroid hormone_mediated expression of toxin genes. *Cancer Research* 60:3218_3224. • 1999 P. de Felipe, V. Martín, M. L. Cortés, M. Ryan & M. Izquierdo. Use of the 2A sequence from foot_and_mouth disease virus in the generation of retroviral vectors for gene therapy. *Gene Therapy* 6:198_208. • 1998 M. L. Cortés, P. de Felipe, V. Martín, M. A. Hughes & M. Izquierdo. Successful use of a plant gene in the treatment of cancer in vivo. *Gene Therapy* 5:1499_1507. • 1997 M. Izquierdo, M. Cortés, V. Martín, P. de Felipe, J. M. Izquierdo, A. Pérez_Higueras, J. F. Paz, A. Isla & M. G. Blázquez. Gene therapy in brain tumours: implications of the size of glioblastoma on its curability. *Acta Neurochirurgica [suppl]* 68:111_117. • 1996 M. Izquierdo, V. Martín, P. de Felipe, J. M. Izquierdo, A. Pérez_Higueras, M. Cortés, J. F. Paz, A. Isla & M. G. Blázquez. Human malignant brain tumor response to herpes simplex thymidine kinase (HSVtk)/ganciclovir gene therapy. *Gene Therapy* 3:491_495. • 1996 M. Izquierdo, V. Martín, P. de Felipe, J. M. Izquierdo, A. Pérez_Higueras, M. Cortés, J. F. Paz, A. Isla & M. G. Blázquez. Terapia génica de los glioblastomas. *Revista de Neurología* 24:325_328. • 1995 M. Izquierdo, M. Cortés, P. de Felipe, V. Martín, J. Díez_Guerra, A. Talavera & A. Pérez_Higueras. Long_term rat survival after malignant brain tumor regression by retroviral gene therapy. *Gene Therapy* 2:66_69. • 1994 M. Izquierdo, M. Cortés, V. Martín, P. de Felipe & A. Pérez_Higueras. Retrovirus terapéuticos en el tratamiento de tumores cerebrales malignos. *Sangre* 39 (supl. 1):15_19.

Projects

• 1994 Clinical trial with retroviral vectors for malignant brain tumors. Hospitales La Paz (Madrid) and Marqués de Valdecilla (Santander).

Memberships

• 2003_2008 Member of the editorial board of the journal *Genetic Vaccines and Therapy* • 1997 Honorary mention by the committee of the Research Award 1994_1995 of Dr. Antonio Esteve Foundation, to the publication "Long term rat survival after malignant brain tumor regression by retroviral gene therapy". *Gene therapy* 2: 66_69 (1995) • 1995_ Member of the Sociedad Española de Bioquímica y Biología Molecular

Other Relevant Information

• 2022_ Member of Biologicals Working Party (BWP), European Medicines Agency (EMA). Amsterdam, NL. • 2020_ Member of the Bacteriophages Working Party (European Pharmacopoeia) • 2019_ Member of the Substance Validation Group (a Project of the Heads of Medicines Agencies, HMA) • 2014_2016 Member of Biologicals Working Party (BWP), European Medicines Agency (EMA). London, UK. • 2010_2012 Member of the Gene Therapy Working Party (GTWP). European Medicines Agency (EMA), London, UK.