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Dr Juan Ruano M.D., MSc., Ph.D.

Education

AUTONOMOUS UNIVERSITY OF BARCELONA – Barcelona, Spain **Doctor in Medicine Degree**, 1997

UNIVERSITY OF CORDOBA – Córdoba, Spain **Ph.D. Degree**, 2004

Specialist in Internal Medicine, 2004

REINA SOFIA UNIVERSITY HOSPITAL – Córdoba, Spain

REINA SOFIA UNIVERSITY HOSPITAL – Córdoba, Spain Specialist in Dermatology, 2014

UNIVERSITY OF CORDOBA – Córdoba, Spain **B.S. Degree in Biochemistry**, 2002

UNIVERSITY OF BARCELONA – Barcelona, Spain Master Degree in Bioethics and Law, 2004

INTERNATIONAL UNIVERSITY OF ANDALUSIA – Sevilla, Spain Master Degree in Bioinformatics, 2006

UNIVERSIDAD NACIONAL DE EDUCACIÓN A DISTANCIA – Madrid, Spain Graduate Diploma in Applied Statistics in Health Sciences, 2017

Appointments

1999-2004. Residency at Internal Medicine Department. Hospital Universitario Reina Sofía, Cordoba. July-September 2004. Staff Physician. Internal Medicine Unit. Hospital Costa del Sol, Marbella, Malaga. October 2004-February 2005. Staff Physician. Internal Medicine Unit. Hospital Alto Guadalquivir, Montilla, Cordoba. February 2005-May 2010. Staff Physician. Internal Medicine Department. Hospital Universitario Reina Sofía, Cordoba. February 2005-February 2007. Investigator specialist in training. Instituto de Salud Carlos III. Lipid and Arteriosclerosis Unit. Hospital Universitario Reina Sofía, Cordoba. 2010-2014. Resident at Dermatology Department. Hospital Universitario Reina Sofía, Cordoba.

2010-2014. Resident at Dermatology Department. Hospital Universitario Reina Sofia, Cordoba. 2014-(...): Staff Physician. Dermatology Department. Hospital Universitario Reina Sofía, Cordoba.

Publications
ORCID ID
ORC-10286-4107

Ruano J, Fuentes F, Perez-Jimenez F, Lopez-Miranda J. Pharmacogenetics of drugs influencing lipidic metabolism. Current Genomics 2005;2:115-26. (IF: 1.08)
Ruano J, Lopez-Miranda J, Fuentes F, Moreno JA, Bellido C, Perez-Martinez P, Lozano A, Gómez P, Jiménez Y,

Perez-Jimenez F. Phenolic content of virgin olive-oil improves ischemic reactive hyperemia in hypercholesterolemic patients. *J Am Coll Cardiol* 2005;15:1864-8. (IF: 9.33)

Barroso Casamitjana E, Isla Tejera B, <u>Ruano Ruiz J</u>, Blanco-Molina A. [**Cutaneous vasculitis due to hypersensitivity probably caused by ketorolac trometamol**] *Farm Hosp* 2006;30:60-2. [Article in Spanish]

Perez-Martinez P, Perez-Jimenez F, Ordovas JM, Moreno JA, Moreno R, Fuentes F, Ruano J, Gomez P, Marin C, Lopez-Miranda J. The APOB -516C/T polymorphism is associated with differences in insulin sensitivity in healthy males during the consumption of diets with different fat content. Br J Nutr. 2007;97:622-7. (IF: 3.446) Juan Ruano, José López-Miranda, Rafael de la Torre, Javier Delgado-Lista, Javier Fernández, Javier Caballero, María Isabel Covas, Yolanda Jiménez, Pablo Pérez-Martínez, Carmen Marín, Francisco Fuentes, Francisco Pérez-Jiménez. Phenol-rich virgin olive oil intake improves the postprandial prothrombotic profile in hypercholesterolemic patients. Am J Clin Nutr. 2007 Aug;86(2):341-6. (IF: 6.3)

Delgado-Lista J, Perez-Jimenez F, Tanaka T, Perez-Martinez P, Jimenez- Gomez Y, Marin C, <u>Ruano J</u>, Parnell L, Ordovas JM, Lopez-Miranda J. An apolipoprotein A-II polymorphism (-265T/C, rs5082) regulates postprandial response to a saturated fat overload in healthy men. J Nutr. 2007 Sep;137(9):2024-8. (IF: 3.77)

0000-0002-0286-4107 SCOPUS Author ID: 15037115900

Bibliometric indices: Cumulative IF=108,54 H-index=14 Q1-Q2 journals=90% Pérez-Martínez P, Pérez-Jiménez F, Ordovás JM, Moreno JA, Moreno R, Fuentes F, Ruano J, Gómez P, Marín C, López-Miranda J. The APOB -516C/T polymorphism is associated with differences in insulin sensitivity in healthy males during the consumption of diets with different fat content. Br J Nutr. 2007 Apr;97(4):622-7. (IF: 3.446)

Pérez-Jiménez F, Ruano J, Perez-Martinez P, Lopez-Segura F, Lopez- Miranda J. **The influence of olive oil on human health: not a question of fat alone.** Mol Nutr Food Res. 2007 Oct;51(10):1199-208. Review. (IF: 4.36)

Lopez-Miranda J, Delgado-Lista J, Perez-Martinez P, Jimenez-Gómez Y, Fuentes F, Ruano J, Marin C. **Olive oil and the haemostatic system**. Mol Nutr Food Res. 2007 Oct;51(10):1249-59. Review. (IF: 4.36)

Perez-Martinez P, Yiannakouris N, Lopez-Miranda J, Arnett D, Tsai M, Galan E, Straka R, Delgado-Lista J, Province M, Ruano J, Borecki I, Hixson J, Garcia-Bailo B, Perez-Jimenez F, Ordovas JM. Postprandial triacylglycerol metabolism is modified by the presence of genetic variation at the perilipin (PLIN) locus in 2 white populations. Am J Clin Nutr. 2008 Mar;87(3):744-52. (IF: 6.3)

Fernández JM, Da Silva-Grigoletto ME, <u>Ruano-Ruíz JA</u>, Caballero- Villarraso J, Moreno-Luna R, Túnez-Fiñana I, Tasset-Cuevas I, Pérez-Martínez P, López-Miranda J, Pérez-Jiménez F. **Fructose modifies the hormonal response and modulates lipid metabolism during aerobic exercise after glucose supplementation**. Clin Sci (Lond). 2009 Jan:116(2):137-45. (IF: 3.890)

Jiménez-Gómez Y, López-Miranda J, Blanco-Colio LM, Marín C, Pérez- Martínez P, Ruano J, Paniagua JA, Rodríguez F, Egido J, Pérez-Jiménez F. Olive oil and walnut breakfasts reduce the postprandial inflammatory response in mononuclear cells compared with a butter breakfast in healthy men. Atherosclerosis. 2009 Jun;204(2):e70-6. (IF: 4.238)

Delgado-Lista J, Perez-Jimenez F, Ruano J, Perez-Martinez P, Fuentes F, Criado-Garcia J, Parnell LD, Garcia-Rios A, Ordovas JM, Lopez-Miranda J. Effects of variations in the APOA1/C3/A4/A5 gene cluster on different parameters of postprandial lipid metabolism in healthy young men. J Lipid Res. 2010 Jan;51(1):63-73. (IF; 4.92) Perez-Martinez P, Moreno-Conde M, Cruz-Teno C, Ruano J, Fuentes F, Delgado-Lista J, Garcia-Rios A, Marin C, Gomez-Luna MJ, Perez-Jimenez F, Roche HM, Lopez-Miranda J. Dietary fat differentially influences regulatory endothelial function during the postprandial state in patients with metabolic syndrome: from the LIPGENE study. Atherosclerosis. 2010 Apr;209(2):533-8. (IF: 4.238)

Garcia-Rios A, Perez-Martinez P, Fuentes F, Mata P, Lopez-Miranda J, Alonso R, Rodriguez F, Garcia-Olid A, Ruano J, Ordovas JM, Perez-Jimenez F. **Genetic variations at ABCG5/G8 genes modulate plasma lipids concentrations in patients with familial hypercholesterolemia**. Atherosclerosis. 2010 Jun;210(2):486-92. (IF: 4.238)

Petersson H, Risérus U, McMonagle J, Gulseth HL, Tierney AC, Morange S, Helal O, Shaw DI, Ruano JA, López-Miranda J, Kieć-Wilk B, Gołąbek I, Blaak EE, Saris WH, Drevon CA, Lovegrove JA, Roche HM, Basu S. **Effects of dietary fat modification on oxidative stress and inflammatory markers in the LIPGENE study**. Br J Nutr. 2010 Nov;104(9):1357-62. (IF: 3.446)

López-Miranda J, Pérez-Jiménez F, Ros E, De Caterina R, Badimón L, Covas MI, Escrich E, Ordovás JM, Soriguer F, Abiá R, de la Lastra CA, Battino M, Corella D, Chamorro-Quirós J, Delgado-Lista J, Giugliano D, Esposito K, Estruch R, Fernandez-Real JM, Gaforio JJ, La Vecchia C, Lairon D, López- Segura F, Mata P, Menéndez JA, Muriana FJ, Osada J, Panagiotakos DB, Paniagua JA, Pérez-Martinez P, Perona J, Peinado MA, Pineda-Priego M, Poulsen HE, Quiles JL, Ramírez-Tortosa MC, Ruano J, Serra-Majem L, Solá R, Solanas M, Solfrizzi V, de la Torre-Fornell R, Trichopoulou A, Uceda M, Villalba-Montoro JM, Villar-Ortiz JR, Visioli F, Yiannakouris N. Olive oil and health: summary of the II international conference on olive oil and health consensus report, Jaén and Córdoba (Spain) 2008. Nutr Metab Cardiovasc Dis. 2010;20:284-94. (IF: 3.517)

Camargo A, Ruano J, Fernandez JM, Parnell LD, Jimenez A, Santos- Gonzalez M, Marin C, Perez-Martinez P, Uceda M, Lopez-Miranda J, Perez- Jimenez F. **Gene expression changes in mononuclear cells in patients with metabolic syndrome after acute intake of phenol-rich virgin olive oil**. BMC Genomics. 2010;11:253. (IF: 3.76) Ana I. Jiménez-Morales, <u>Juan Ruano</u>, Javier Delgado-Lista, Juan M Fernandez, Antonio Camargo, Fernando López-Segura, Javier Caballero Villarraso, Francisco Fuentes-Jiménez, Jose Lopez-Miranda, Francisco Perez- Jiménez. **NOS3 Glu298Asp polymorphism interacts with virgin olive oil phenols to determine the postprandial endothelial function in patients with the Metabolic Syndrome**. J Clin Endocrinol Metab. 2011;96:E1694-702. (IF: 6.201)

R. Salido, G. Garnacho-Saucedo, I. Cuevas-Asencio, <u>J. Ruano</u>, M. Galán- Gutierrez, A. Vélez, and J.C. Moreno-Giménez. **Sustained clinical effectiveness and favorable safety profile of topical sirolimus for tuberous sclerosis-associated facial angiofibroma**. J Eur Acad Dermatol Venereol. 2011 Aug. [Epub ahead of print] (IF: 3.309)

Alvarez MA, Ruano J, Gómez FJ, Casas E, Baamonde C, Salvatierra A, Moreno JC. **Differences between objective efficacy and perceived efficacy in patients with palmar hyperhidrosis treated with either botulinum toxin or endoscopic thoracic sympathectomy.** J Eur Acad Dermatol Venereol. 2012 Oct;26(10):1315-8.(IF: 3.309)

Álvarez, M.A., Casas, E. Ruano, J., Vélez, A., Salvatierra, J., Moreno, J.C. Carcinoma erysipeloides of laryngeal origin. Am J Dermatopathol. 2012;7:753-754. (IF: 1.197)

Garnacho-Saucedo G.M., Salido-Vallejo R., Alvarez-López M.A., Casas de la Asunción E., <u>Ruano-Ruiz J.</u>, García-Nieto A.V., Jiménez-Puya R. and Moreno-Giménez, J.C. (2012). **Renbök phenomenon in a patient with alopecia areata universalis.** Arch of Derm. 2012;8:964-965. (IF: 3.89)

B. Isla-Tejera, M.A. Álvarez, <u>J. Ruano</u>, T. Brieva, M. Cárdenas, C. Baamonde C, A. Salvatierra, J.R. del Prado-Llergo, J. C. Moreno-Giménez. **Economic Evaluation of Botulinum Toxin Versus Thoracic Sympathectomy for Palmar Hyperhidrosis: Data from a Real-World Scenario.** Dermatol Ther (Heidelb). 2013;3:63-72.

Ruano J, Isla-Tejera B2, Jiménez-Puya R, Rodriguez-Martin A, Cárdenas M, Gómez F, Vélez A, Del Prado-Llergo JR, Moreno-Giménez JC. Long-term cost-effectiveness analysis of etanercept and adalimumab for plaque psoriasis not associated to arthritis. Dermatol Ther (Heidelb). 2013 Dec;3(2):131-42.

Ruano J, Vélez A, Casas E, Rodriguez-Martin A, Salido R, Isla-Tejera B, Espejo-Alvarez J, Gómez F, Jiménez-Puya R, Moreno-Giménez JC. Factors influencing seasonal patterns of relapse in anti-TNF psoriatic responders after temporary drug discontinuation. J Eur Acad Dermatol Venereol. 2014 Apr;28(4):516-8. (IF: 3.309)

Salido-Vallejo R, Ruano J, Garnacho-Saucedo G, Godoy-Gijón E, Llorca D, Gómez-Fernández C, Moreno-Giménez JC. Facial Angiofibroma Severity Index (FASI): reliability assessment of a new tool developed to measure

severity and responsiveness to therapy in tuberous sclerosis-associated facial angiofibroma. Clin Exp Dermatol. 2014 Dec;39(8):888-93. (IF: 1.092)

<u>J Ruano</u>, M Suarez-Fariñas, A Shemer, Margeaux Oliva, E Guttman and J Krueger. **Molecular and cellular profiling of scalp psoriasis reveals differences and similarities compared to skin psoriasis.** PLoS ONE. 2016 Feb 5;11(2):e0148450. (IF: 3.234)

Gay-Mimbrera J, García MC, Isla-Tejera B, Rodero-Serrano A, García-Nieto AV, Ruano J. Clinical and Biological Principles of Cold Atmospheric Plasma Application in Skin Cancer. Adv Ther. 2016 May 3. [Epub ahead of print] Review. (IF: 2.272)

Gómez-García F, Epstein D, Isla-Tejera B, Lorente A, Vélez García-Nieto A, Ruano J. Short-term efficacy and safety of new biologic agents targeting IL-23/Th17 pathway for moderate to severe plaque psoriasis: a systematic review and network meta-analysis. Br J Dermatol. 2016 Jun 13. (IF: 4.317)

Gómez-García F, Ruano J, Aguilar-Luque M, Gay-Mimbrera J, Maestre-López B, Sanz-Cabanillas JL, Carmona-Hernández PJ, González-Padilla M, Vélez García-Nieto A, Isla-Tejera B. Systematic reviews and meta-analyses on psoriasis: role of funding sources, conflict of interest, and bibliometric indices as predictors of methodological quality. Br J Dermatol. 2017 Jan 31 (IF: 4.317)

Gómez-García F, Ruano J, Gay-Mimbrera J, Aguilar-Luque M, Sanz-Cabanillas JL, Alcalde-Mellado P, Maestre-López B, Carmona-Fernández PJ, González-Padilla M, García-Nieto AV, Isla-Tejera B. **Most systematic reviews of high methodological quality on psoriasis interventions are classified as high risk of bias using ROBIS tool**. J Clin Epidemiol 2017 Sep 9. pii: S0895-4356(17)30534-6. doi: 10.1016/j.jclinepi.2017.08.015. [Epub ahead of print] (IF: 4.978)

Juan Luis Sanz-Cabanillas, <u>Juan Ruano</u>, Francisco Gomez-Garcia, Patricia Alcalde-Mellado, Jesus Gay-Mimbrera, Macarena Aguilar-Luque, Beatriz Maestre-Lopez, Marcelino Gonzalez-Padilla, Pedro J. Carmona-Fernandez, Antonio Vélez García-Nieto, Beatriz Isla-Tejera. **Author-paper affiliation network architecture influences the methodological quality of systematic reviews and meta-analyses of psoriasis.** PLoS One 2017 Apr 12;12(4):e0175419. doi: 10.1371/journal.pone.0175419. ECollection 2017. (IF: 2.806)

Gómez-García F, Ruano J, Aguilar-Luque M, Alcalde-Mellado P, Gay-Mimbrera J, Hernández-Romero JL, Sanz-Cabanillas JL, Maestre-López B, González-Padilla M, Carmona-Fernández PJ, García-Nieto AV, Isla-Tejera B. Abstract analysis method facilitates filtering low-methodological quality and high-bias risk systematic reviews on psoriasis interventions. BMC Med Res Methodol. 2017 Dec 29;17(1):180. doi: 10.1186/s12874-017-0460-z. (IF: 2.295)

<u>Juan Ruano</u>, Macarena Aguilar-Luque, Francisco Gomez-Garcia, Patricia Alcalde Mellado, Jesus Gay-Mimbrera, Pedro J. Carmona-Fernandez, Beatriz Maestre-López, Juan Luis Sanz-Cabanillas, José Luis Hernández Romero, Marcelino Gonzalez-Padilla, Antonio Velez Garcia-Nieto, Beatriz Isla-Tejera. **The differential impact of scientific quality, bibliometric factors, and social media activity on the influence of systematic reviews and meta-analyses about psoriasis.** PLoS One 2017 [In press] (IF: 2.806)

Peer review of Scientific Journals

Scientific Reports (IF: 5.228) J Clin Epidemiol (IF: 4.978)

Oxidative Medicine and Cellular Longevity (IF: 4.593)

Value in Health (IF: 3.824)

Journal of the European Academy of Dermatology and Venereology (IF: 3.105)

American Journal of Clinical Dermatology (IF: 3.084) OMICS: A Journal of Integrative Biology (IF: 2.730) Clinical and Experimental Dermatology (IF: 1.589)

Advances in Therapy (IF: 2.438) [member of the Editorial Advisory Board]

Archives of Dermatological Research (IF: 2.146) BMC Health Services Research (IF: 1.659) Medical Science Monitor (IF: 1.433)

Australasian Physical & Engineering Sciences in Medicine (IF: 0.882)

Dermatology and Therapy [member of the Editorial Board]

Rheumatology and Therapy Clinical Plasma Medicine

Scientific peer Review of Research Grant Applications

Member of the expert review panel for the evaluation of the short proposals expected for the H2020 topic on "Genome-Environment Interactions in Inflammatory Skin Disease", European Union

Evaluador de Proyectos de Investigación, Fundación Progreso y Salud, Junta de Andalucía, Sevilla, Spain

Peer review of clinical trial proposals

Evaluador de Ensayos Clínicos Independientes, plataforma ScreN, Instituto de Salud Carlos III, Madrid, Spain

R+D+i **2016-present.** Member of the Cochrane Method Bias Group.

2016-present. Member of the Cochrane Skin Group.

2014-present. Head of the 'Immune-mediated Cutaneous Inflammatory Disease' Research Group (GE-03),

Maimonides Institute for Research in Biomedicine of Cordoba/Reina Sofia University Hospital/University of Cordoba. **2014-present.** Research project reviewer at Spanish Clinical Research Network (SCReN), Instituto de Salud Carlos III, Ministerio de Sanidad, Spain

2016-present. Research project reviewer at Fundación Progreso y Salud, Consejería de Salud, Junta de Andalucía, Spain

2013-present. Founder and CEO of "info4CURE", Andalusia Health Service (SAS)'s *spin-off* company dedicated to data mining in Health Sciences.

2006-2010. Cooperative Research Thematic Network (dossier no. G03/181), "Genetic, Metabolic, Clinical, Therapeutic and Epidemiological Study of the Hereditary Hyperlipidemias in Spain", Instituto de Salud Carlos III,

Reviewer

Ministry of Health and Consumer Affairs, Spain.

2006-2010. Andalusian Research Plan (P.A.I.) (code CTS-212), "Nutrition and disease", Andalusian Council of Education and Science, Spain.

2005-2010. LIPGENE project, European Union VI Framework Programme for the study of Metabolic Syndrome (FOOD-CT-2003-505944).

2006-2010. CIBER "Obesity and Nutrition", Physiopathology Area of Obesity and Nutrition (dossier no. CB06/03), Instituto de Salud Carlos III, Ministry of Health and Consumer Affairs, Spain.

1999-2010. Investigator of the Lipids and Arteriosclerosis Unit, Hospital Universitario Reina Sofía, Cordoba.

Research Projects

R+D+i financed in competitive calls of Administrations or public and private entities:

Project title: "Proyecto Éaco: Desarrollo y validación de un instrumento tecnológico en red para el apoyo en la toma de decisiones en la práctica clínica (PIN-0316-2017)", Autonomous Government of Andalusia, Spain. Principal investigator.

Project title: "Ensayo clínico aleatorizado y multicéntrico para evaluar, en términos de coste-eficiencia, un modelo predictivo de respuesta a fármacos anti-TNFs en psoriasis moderada-severa (ICI400136)", Instituto de salud Carlos III, Spain. Principal investigator.

Project title: "Effect of olive oil intake on post-prandial concentration of circulating endothelial microparticles in persons with high cardiovascular risk (PI-0040/2007)", Autonomous Government of Andalusia, Spain. Principal investigator.

Project title: "Nutrigenomics of the adipocyte inflammatory response in patients with Metabolic Syndrome. A comparative effect of a Mediterranean Diet rich in monounsaturated fat (AGL2009-12270)". National R+D Plan, Instituto de Salud Carlos III, Ministry of Health and Consumer Affairs, Spain. Coinvestigator.

Project title: "Interaction between Flu/Val polymorphism in the nitric oxide synthase gene and intake of virgin olive oil on the endothelial function". FS/FN/ARM. Autonomous Government of Andalusia, Spain.

Project title: "Cellular and molecular bases of the Metabolic Syndrome: effect of the fat composition in adipose tissue function (CTS-3039)". Autonomous Government of Andalusia, Spain. Excellence Projects. Coinvestigator.

Project title: "Effect of diet rich in mufa compared to another high in carbohydrates on body composition, sensitivity to insulin and genetic transcription of the Metabolic Syndrome (PI070239)". FIS (Health Care Research Fund). Instituto de Salud Carlos III, Ministry of Health and Consumer Affairs, Spain. Coinvestigator.

Project title: "Influence of a mediterranean diet supplemented in coenzyme q on oxidative stress and endothelial dysfunction of aging (AGL2004-07907)". National R+D Plan. Instituto de Salud Carlos III, Ministry of Health and Consumer Affairs, Spain. Coinvestigator.

Project title: "Effect of virgin olive oil rich in polyphenols on the endothelial function during postprandial state in patients with hypercholesterolemia (SAF 2003-05770)". Ministry of Science and Technology, Spain. Coinvestigator.

Project title: "Genetic, metabolic, clinical, therapeutic and epidemiology study of hereditary hyperlipidemias in spain (g03/181)". FIS (Health Care Research Fund). Instituto de Salud Carlos III, Ministry of Health and Consumer Affairs, Spain, Coinvestigator.

Participation in agreements, accords or projects of non-competitive R+D+i with Administrations or public or private entities

Project title: "Cardiovascular risk factors in a Spanish population of patients with moderate-to-severe plaque psoriasis vulgaris, with or without associated psoriatic arthritis, treated with anti-TNF-α in real clinical practice. Analysis of the influence of Metabolic Syndrome on treatment efficacy." Principal Investigator. (ClinicalTrials.gov ID: NCT01753245). Funded by Pfizer R&D's IIR program 2012.

Project title: "Evaluación preclínica de la eficacia del compuesto CVX-785 y sus derivados en ensayos "in vitro" y modelos murinos de psoriasis" (CDTI IDI20140274). Sponsor: Canvax S.L.. Principal Investigator.

Project title: "A Phase 3 Study to Evaluate the Efficacy and Safetu of Induction and Maintenance Regimens of Brodalumab Compared with Placebo and Ustekinumab in Subjects with Moderate to Severe Plaque Psoriasis: AMAGINE-2". Sponsor: Amgen Inc. Principal Investigator.

Project title: "Phase 3, Multicenter, Randomized, Double-blind, Placebo and Active Comparator-controlled Study Evaluating the Efficacy and Safety of Guselkumab in the Treatment of Subjects With Moderate to Severe Plaquetype Psoriasis (VOYAGE 1)". Sponsor: Janssen-Cilag. Principal Investigator. (ClinicalTrials.gov ID: NCT02207231)

Project title: "Plaque Psoriasis Efficacy and Safety With Secukinumab (OPTIMISE)". *Sponsor: Novartis.* Principal Investigator. (ClinicalTrials.gov ID: NCT02409667)

Project title: "Dose-finding Study of QGE031 as add-on Therapy to Evaluate Efficacy and Safety in Patients With Chronic Spontaneous Urticaria". *Sponsor: Novartis.* Principal Investigator. (ClinicalTrials.gov ID: NCT02477332)

Project title: "A Safety Extension Study to Evaluate the Long-term Safety of QGE031 in Chronic Spontaneous Urticaria (CSU) Patients". Sponsor: Novartis. Principal Investigator. (ClinicalTrials.gov ID: NCT02649218)

Project title: "A multicentre, randomized, double-blind, parallel-group, controlled study, to assess the efficacy and safety of P-3074 cutaneous spray, solution, in the treatment of male pattern baldness.". *Sponsor:* Polichem. Principal Investigator. (EudraCT ID: 2015-002877-40)

Project title: "Estudio Multicéntrico de Fase 3, Aleatorizado, Doble Ciego para Evaluar la Eficacia Comparativa de Guselkumab (CNTO1959) y Secukinumab en el Tratamiento de la Psoriasis en Placa de Moderada a Grave (CNTO1959PSO3009))". Sponsor: Novartis. Principal Investigator. (EudraCT ID: 2016-002995-29)

Awards

[&]quot;Gonzalo Miño Fugarolas" award for best young researcher (2006), University of Cordoba, Spain.

[&]quot;III Best Innovative Project Award IMIBIC-Roche 2016", Córdoba, Spain.

[&]quot;2013 Scientific Fellowship for a stay at *Laboratory of Investigative Dermatology (*The Rockefeller University, New York)', IMIBIC, Córdoba, Spain.

[&]quot;Travel Fellowship Inflammatory Skin Disease Summit 2016', New York, USA.

[&]quot;Premio de Innovación en Biomedicina Roche-IMIBIC 2016", Córdoba, Spain.

Post-PhD training

June-December 2006. Visiting Fellow at the *Nutrition and Genomics Laboratory Jean Mayer USDA HNRCA*, Tufts University, Boston (MA, USA).

October-December 2013. Visiting Fellow at Laboratory of Investigative Dermatology, The Rockefeller University, New York (NY, EEUU).

Teaching

2005-2010. Assistant Professor of different Masters Degrees of the University of Cordoba ('Master of Esthetic Medicine', 'Master of Nutrition and Metabolism', 'Master of Molecular, Cellular and Genetic Biotechnology', 'Master in Translational Biomedical Research').

2009-2010. Coordinator and instructor at "Genómica aplicada a la Medicina Clínica" training course organized by CIBERobn and Instituto Nacional de Bioinformática/CNIO (Córdoba, Málaga, Madrid and Barcelona editions).

2001-2010. Honorary Collaborator in Health Sciences, Collaborator Professor and Assistant Professor of the Department of Medicine of the University of Cordoba.

2012-2016. Ph.D. program advisor (5).