Fecha del CVA	27/05/2019

Parte A. DATOS PERSONALES

Nombre y Apellidos	MARGARITA AGUILERA GÓMEZ		
DNI	52524554Y	Edad	46
Núm. identificación del investigador	Researcher ID	M-8238-2013	
	Scopus Author ID	7004433956	
	Código ORCID	0000-0002-3204-9787	

A.1. Situación profesional actual

Organismo	Universidad de Granada			
Dpto. / Centro				
Dirección	Facultad de Farmacia, Campus de Cartuja S/N, 18071, Granada			
Teléfono	(0034) 626423976	Correo electrónico	maguiler@ugr.es	
Categoría profesional	Profesora Titular de Universidad		Fecha inicio	2012
Espec. cód. UNESCO	240999 - Otras; 241401 - Antibióticos; 241501 - Biología molecular de microorganismos; 320611 - Toxicidad de los alimentos			
Palabras clave	Biología molecular, celular y genética			

A.2. Formación académica (titulo, institución, fecha)

Licenciatura/Grado/Doctorado	Universidad	Año
Licenciada en Ciencia y Tecnología de los Alimentos	Universidad de Granada	2012
Biotecnología	PhD Pharmacy	2002
Ecología Microbiana	Tesina_Universidad de Granada	1999
Licenciada en Bioquímica	Universidad de Granada	1997
Licenciada en Farmacia	Universidad de Granada	1995

A.3. Indicadores generales de calidad de la producción científica

H Index 18

Margarita Aguilera EditPhD, Pharm.D. EditAssociate Professor EditUniversity of Granada, ES

18h-indexImpact measure calculated using publication and citation counts. Updated daily.1107CitationsNumber of citations received by Margarita's publications. Updated daily.

Parte B. RESUMEN LIBRE DEL CURRÍCULUM

Margarita Aguilera is Associate Professor at the Microbiology Department, University of Granada (UGR), where she is member of BIO-190, research group of the University of Granada, and she hold a membership of the Institute of Nutrition and Food Technology (INYTA www.ugr.es/~winyta/) and the Institute BioHealth (IBS www.ibsgranada.es). She obtained a Bachelor degree in Pharmacy (UGR, 1995), Bachelor in Biochemistry (UGR, 1997) and Bachelor in Food Science and Technology (2012). MSc in Microbial Ecology (UGR, 1999) and MSc in Biotechnology (UGR, 2002) and a PhD PharmD in microbial molecular taxonomy and genetic (UGR, 2002). She had several pre, post doctoral and contract research stays at the GBF (Braunschweig), Germany; INRA, Jouy en Josas, France; Yorkill Hospital University of Glasgow, UK; Job convenium with the European Commision at the JRC-IHCP (Institute for Health and Consumer Protection (2006-2008) and at European Food Safety Authority (2018). She has also been involved in translational project coordinating a Pharmacogenetic Unit at the University Hospital (HUVN-Granada 2008-2012). She has accumulated a multidisciplinary research expertise in the fields of microbial taxonomy and phylogeny, gut microbiota, omics technologies, pharmacogenomics, genetically modified microorganisms and microbial food

enzymes. Researcher ID M-8238-2013; Orcid Code: 0000-0002-3204-9787. She has published 60 papers in SCI journals other metrics systems (H Index 18), 10 book chapters, director and supervisor of 7 PhDs, and several Master thesis and PhD students from different programs. She has been involved (as IP and/or partner) in more than 20 public/private R+D+i and transfer of technology projects (at International, National and Regional level), and in several cooperation projects related. She has been awarded with a Seconded National Expert contract at the European Food Safety Authority during 4 years, acting as expert in Biotechnology and gentetically modified microorganisms and their industrial products. She coordinates currently a Consortium with 5 European Countries dealing with a food safety Project under EFSA funding (Partnering Grants). She is member of the Spanish Society of Microbiology (SEM), International Society of Microbiota and the American Society of Microbiology (ASM).

Parte C. MÉRITOS MÁS RELEVANTES (ordenados por tipología)

C.1. Publicaciones

1 **Artículo científico**. Taha Menasria; Margarita Aguilera. (7/2). 2019. Halophilic Bacteria inhabiting Algerian Saline Ecosystems: a Source of Promising Features and Potentialities World J Biotech Microbiol. Springer. in press. ISSN 0959-3993.

2 **Artículo científico**. Silano, Vittorio; et al. 2019. Safety evaluation of the food enzyme endo-1,4--xylanase from Bacillussubtilis (strain XAS) Efsa Journal. 17-1. ISSN 1831-4732.

3 **Artículo científico**. Menasria, Taha; et al. 2018. Diversity and bioprospecting of extremely halophilic archaea isolated from Algerian arid and semi-arid wetland ecosystems for halophilic-active hydrolytic enzymes Microbiological Research. 207, pp.289-298. ISSN 0944-5013.

4 **Artículo científico**. Taha Menasria; Aguilera-Gomez, Margarita; Monteoliva-Sanchez, Mercedes. (6/2). 2018. Diversity and bioprospecting of extremely halophilic archaea isolated from Algerian arid and semi-arid wetland ecosystems for halophilic-active hydrolytic enzymes Microbiological Research. 207, pp.289-298. ISSN 0944-5013.

5 **Artículo científico**. Jimenez, Gema; et al. 2018. Mesenchymal stem cell's secretome promotes selective enrichment of cancer stem-like cells with specific cytogenetic profile Cancer Letters. 10.1016/j.canlet.2018.04.042. 429-10, pp.78-88. ISSN 1872-7980.

6 **Artículo científico**. Jimenez, Gema; et al. 2018. Mesenchymal stem cell's secretome promotes selective enrichment of cancer stem-like cells with specific cytogenetic profile.Cancer letters. ISSN 1872-7980.

7 **Artículo científico**. Silano, Vittorio; Aguilera, Margarita; Engel, Karl-heinz. 2018. Safety evaluation of the food enzyme alpha-amylase from a genetically modified Bacillus licheniformis (strain NZYM-AV) EFSA Journal. 16(7)-5318, pp.1-22.

8 **Artículo científico**. Silano, Vittorio; Aguilera, Margarita; Engel, Karl-heinz. 2018. Safety evaluation of the food enzyme aqualysin 1 from a genetically modified Bacillus subtilis (strain LMGS 25520) EFSA Journal. 16(5)-5170, pp.1-22.

9 **Artículo científico**. Silano, Vittorio; et al. 2017. Safety evaluation of the food enzyme pullulanase from genetically modified Bacillus subtilis strain NZYM-AK Efsa Journal. 15-8. ISSN 1831-4732.

10 **Artículo científico**. Morata-Tarifa, C.; et al. 2016. Low adherent cancer cell subpopulations are enriched in tumorigenic and metastatic epithelial-to-mesenchymal transition-induced cancer stem-like cells Scientific Reports. 6, pp.13-13. ISSN 2045-2322.

11 **Artículo científico**. Jimenez-Pranteda, Maria Lujan; et al. 2015. Food Omics Validation: Towards Understanding Key Features for Gut Microbiota, Probiotics and Human Health Food Analytical Methods. 8-2, pp.272-289. ISSN 1936-9751.

12 **Artículo científico**. Perez-Davo, Azahara; et al. 2015. Halobellus ramosii sp nov., an extremely halophilic archaeon isolated from a saline-wetland wildfowl reserve International Journal of Systematic and Evolutionary Microbiology. 65, pp.3847-3852. ISSN 1466-5026.

13 **Artículo científico**. Goumenou, M.; et al. 2015. Hazard identification and characterization of food enzymes Toxicology Letters. 238-2, pp.S350-S350. ISSN 0378-4274.

14 **Artículo científico**. Perez-Davo, Azahara; et al. 2014. Alkalibacillus almallahensis sp nov., a halophilic bacterium isolated from an inland solar saltern International Journal of Systematic and Evolutionary Microbiology. 64, pp.2066-2071. ISSN 1466-5026.

15 **Artículo científico**. Aguilera-Gomez, Margarita. 2014. Decline in presumptively protective gut bacterial species and metabolites are paradoxically associated with disease improvement in paediatric Crohn¿s disease during enteral nutrition Inflammatory Bowel Diseases. ISSN 1078-0998.

16 **Artículo científico**. Kharroub, Karima; Aguilera-Gomez, Margarita; Monteoliva-Sanchez, Mercedes. 2014. Diversity of hydrolytic enzymes in haloarchaea isolated from Algerian sabkhas African Journal of Microbiology Research. 8-52, pp.3992-4001.

17 **Artículo científico**. Gomez-Llorente, Carolina; et al. 2014. Three Main Factors Define Changes in Fecal Microbiota Associated With Feeding Modality in Infants Journal of Pediatric Gastroenterology and Nutrition. 57-4, pp.461-466. ISSN 0277-2116.

18 **Capítulo de libro**. Aguilera-Gómez, Jesús Manuel; Aguilera-Gomez, Margarita. 2016. Microbial biotechnology Applied molecular biotechnology. pp.405-421.

C.2. Proyectos

1 OBEMIRISK CONSORTIUM-PARTNERING GRANT - PROJECT EFSA ANA RIVAS. (Universidad de Granada). 31/10/2018-31/05/2021. 200.000 €.

2 ACCIONES FORMATIVAS: PROBIÓTICOS EN CLÍNICAS DE FERTILIDAD A TRAVÉS DE FERTYPHARM, S.L. (OTRI-UGR). 01/10/2018-02/04/2019. 6.000 €.

3 Proyecto FIS: Comparative pharmacogenetic study of polymorphisms of the molecular structures involved in drug resistance in progenitor cell lines of breast, colon and melanoma cancer Instituto de Salud Carlos III. Margarita Aguilera Gómez. (Hospital Universitario Virgen de las Nieves-FIBAO). 03/01/2011-01/01/2014. 76.300 €.

4 FIS-10/2149, ESTUDIO FARMACOGENÉTICO COMPARATIVO DE POLIMORFISMOS DE LAS ESTRUCTURAS MOLECULARES IMPLICADAS EN LA RESISTENCIA A FÁRMACOS EN LÍNEAS CELULARES PROGENITORAS DE CÁNCER DE MAMA, COLON Y MELANOMA MARGARITA AGUILERA GOMEZ. Desde 01/01/2011. 76.300 €.

5 GREIB_Analysis of the global intestinal microbial diversity (bacteria, archaea, viruses, fungi) in healthy individuals vs. sick. Search for genetic host molecular structures that are decisive in the process of microbial colonization (Centro de Investigación Biomédica). Desde 2011. 10.000 €.

C.3. Contratos

1 SNE en la AGENCIA EUROPEA DE SEGURIDAD ALIMENTARIA 01/04/2014-31/03/2018.

2 DETERMINACIÓN DE LA MICROBIOTA INTESTINAL EN NIÑOS ALIMETADOS CON EL PRODUCTO LACTUM (HERO ESPAÑA) UTILIZANDO TÉCNICAS MOLECULARES (FISH Y TRFLP). ANGEL GIL HERNANDEZ. Desde 01/11/2009. 84.215 €.

3 GENETIC STABILITY ASSESMENT ACROSS GENETICALLY MODIFIED COMMERCIAL VARIETIES. HEALTH IMPACT. Van Den Eede-, Guy. 15/04/2006-P731D. 200.000 €.

C.4. Patentes