

Fecha del CVA	03/01/2021
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Parte A. DATOS PERSONALES

Nombre y Apellidos	MIGUEL ÁNGEL SOGORB SÁNCHEZ		
DNI	21467003E	Edad	53
Núm. identificación del investigador	Researcher ID		
	Scopus Author ID	6701750244	
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A.1. Situación profesional actual

Organismo	Universidad Miguel Hernández de Elche		
Dpto. / Centro	Biología Aplicada / Instituto de Bioingeniería		
Dirección	Universidad Miguel Hernández de Elche, Instituto de Bioingeniería, Avenida de la Universidad, s/n, 03202, Elche		
Teléfono	966658506	Correo electrónico	msogorb@umh.es
Categoría profesional	Catedrático de Universidad	Fecha inicio	2018
Palabras clave			

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

Licenciatura/Grado/Doctorado	Universidad	Año

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

According to SCOPUS (December, 2020):

H index: 19

83 documents

1987 citations

See complete List of Published Work in My Bibliography (80 references): <https://www.ncbi.nlm.nih.gov/myncbi/1NKIX9Injhm5L/bibliography/public/>

15 book chapters

Supervised: 6 Ph D thesis, 3 Master thesis, 9 Degree thesis.

Parte B. RESUMEN LIBRE DEL CURRÍCULUM

I started my research career in Toxicology with the characterization of enzymes involved in the detoxication of organophosphorus insecticides. At the same time I was involved in the characterization of the role of Neuropathy Target Esterase in the ethiology of organophosphorus delayed neuropathy using in vitro cellular models. I performed a 2-year postdoctoral stay at the Texas A&M University where I was involved the generation and characterization of bacterial phosphotriesterase mutants by site-directed mutagenesis for enhancing and modulating their catalytic efficacy. Afterwards, I started a second post-doctoral stay in Spain where I moved to the study of molecular mechanisms of neurotoxicity and developmental toxicity and adverse outcome pathways using cellular systems. Now I am a Faculty Professor of Toxicology and still follow with this line of work, specially oriented towards nanoparticles.

Parte C. MÉRITOS MÁS RELEVANTES (ordenados por tipología)

C.1. Publicaciones

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores

- 1 **Artículo científico.** Encarnación Fuster; Héctor Candela; Jorge Estévez; Ariel José Arias; Eugenio Vilanova; Miguel Ángel Sogorb. 2020. Effects of silver nanoparticles on T98G human glioblastoma cells *Toxicology and Applied Pharmacology*. 404, pp.115-178.
- 2 **Artículo científico.** Miguel Á Sogorb; Jorge Estévez; Eugenio Vilanova. 2019. Case study: Is bisphenol S safer than bisphenol A in thermal papers? *Archives of Toxicology*. 93, pp.1835-1852.
- 3 **Artículo científico.** Antonio Monroy-Noyola; Miguel Á Sogorb; Eugenio Vilanova. 2018. Albumin, the responsible protein of the Cu(2+)-dependent hydrolysis of O-hexyl O-2,5-dichlorophenyl phosphoramidate (HDCP) by chicken serum "antagonistic stereoselectivity" *Food Chemical Toxicology*. 120, pp.523-527.
- 4 **Artículo científico.** Jorge Estévez; Mónica Benabent; Verónica Selva; Iris Mangas; Miguel Á Sogorb; Eugenio Vilanova. 2018. Cholinesterase and phenyl valerate-esterase activities sensitive to organophosphorus compounds in membranes of chicken brain *Toxicology*. 410, pp.73-82.
- 5 **Artículo científico.** Miriam González-González; Jorge Estévez; Eva del Río; Eugenio Vilanova; Miguel Á Sogorb. 2018. Hydrolyzing activities of phenyl valerate sensitive to organophosphorus compounds paraoxon and mipafox in human neuroblastoma SH-SY5Y cells *Toxicology*. 406-407º, pp.123-128.
- 6 **Artículo científico.** Antonio Monroy-Noyola; Miguel Á Sogorb; Nuria Díaz-Alejo; Eugenio Vilanova. 2017. Copper activation of organophosphorus compounds detoxication by chicken serum *Food and Chemical Toxicology*. 106, pp.417-423.
- 7 **Artículo científico.** Miguel Á Sogorb; Encarnación Fuster; Eva del Río; Jorge Estévez; Eugenio Vilanova. 2016. Effects of mipafox, paraoxon, chlorpyrifos and its metabolite chlorpyrifos-oxon, on the expression of biomarker genes of differentiation in D3 mouse embryonic stem cells *Chemico Biological Interactions*. 259, pp.368-373.
- 8 **Artículo científico.** Miguel Á Sogorb; David Pamies; Carmen Estevan; Jorge Estévez; Eugenio Vilanova. 2016. Roles of NTE protein and encoding gene in development and neurodevelopmental toxicity *Chemico Biological Interactions*. 259, pp.352-357.
- 9 **Artículo científico.** Andrea C Romero; Eva del Río; Eugenio Vilanova; Miguel Á Sogorb. 2015. RNA transcripts for the quantification of differentiation allow marked improvements in the performance of embryonic stem cell test (EST). *Toxicology Letters*. 238, pp.60-69.
- 10 **Artículo científico.** Serrano Díaz, J.; Estevan, C.; Sogorb, MÁ.; Carmona, M.; Alonso, GL.; Vilanova, E. 2014. Cytotoxic effect against 3T3 fibroblasts cells of saffron floral bio-residues extracts. *Food Chemistry*. 147, pp.55-64.
- 11 **Capítulo de libro.** Eugenio Vilanova; Jorge Estévez; Miguel Á Sogorb. 2020. Toxicokinetics and toxicodynamics of DFP *Handbook of Toxicology of Chemical Warfare Agents Third Edition*. Academic Press-Elsevier. pp.921-944. ISBN 978-0-12-819090-6.
- 12 **Capítulo de libro.** Jorge Estévez; Eugenio Vilanova; Miguel Á Sogorb. 2019. Biomarkers for Testing Toxicity and Monitoring Exposure to Xenobiotics. *Biomarkers in Toxicology*. Academic Press. pp.1165-1174. ISBN 978-0-12-814655-2.
- 13 **Capítulo de libro.** Carmen Estevan; David Pamies; Eugenio Vilanova; Miguel Á Sogorb. 2017. OECD Guidelines for In Vivo Testing of Reproductive Toxicity *Reproductive and Developmental Toxicity (2nd edition)*. Academic Press. pp.163-178.
- 14 **Capítulo de libro.** David Pamies; Carmen Estevan; Eugenio Vilanova; Miguel Á Sogorb. 2017. Validated and Nonvalidated Mechanism- Based Methods for Testing Developmental Toxicity *In: Reproductive and Developmental Toxicity (2nd edition)*. Academic Press. pp.193-209.
- 15 **Capítulo de libro.** Carmen Estevan; Miguel Á Sogorb; Eugenio Vilanova. 2016. Air Quality of Textile and Related Industries *Comprehensive Analytical Chemistry (Volume 73): The Quality of Air*. Elsevier. 73, pp.785-800.
- 16 **Informe científico-técnico.** Miguel Á Sogorb; Kostas Andreu. 2020. Opinion proposing harmonised classification and labelling at EU level of dimoxystrobin (ISO); (2E)-2-{2-[(2,5-dimethylphenoxy)methyl]phenyl}-2-(methoxyimino)-N-methylacetamide; (E)-2-(methoxyimino)-N-methyl-2-[α-(2,5-xylyloxy)-otolyl]acetamide *Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling*.

- 17 Informe científico-técnico.** Miguel Á Sogorb; Žilvinas Uzomeckas. 2020. Opinion proposing harmonised classification and labelling at EU level of pyridalyl (ISO); 2,6-dichloro-4-(3,3-dichloroallyloxy)phenyl 3-[5-(trifluoromethyl)-2-pyridyloxy]propyl ether Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.
- 18 Informe científico-técnico.** Miguel Á Sogorb; Ignacio de la Flor Tejero. 2019. Opinion proposing harmonised classification and labelling at EU level of (3aS,5S,6R,7aR,7bS,9aS,10R,12aS,12bS)-10[(2S,3R,4R,5R)-3,4-dihydroxy-5,6dimethylheptan-2-yl]-5,6-dihydroxy-7a,9adimethylhexadecahydro-3H-benzo[c]indeno[5,4e]oxepin-3-one; 24-epibrassinolide Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.
- 19 Informe científico-técnico.** Miguel A Sogorb. 2019. Opinion proposing harmonised classification and labelling at EU level of flumioxazin (ISO); N-(7-fluoro-3,4-dihydro-3oxo-4-prop-2-ynyl-2H-1,4-benzoxazin-6yl)cyclohex-1-ene-1,2-dicarboximide Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.
- 20 Informe científico-técnico.** Laure Geoffroy; Miguel Á. Sogorb. 2019. Opinion proposing harmonised classification and labelling at EU level of ethametsulfuron-methyl (ISO); methyl 2-[(4-ethoxy-6-methylamino-1,3,5-triazin-2-yl)carbamoylsulfamoyl]benzoate Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.
- 21 Informe científico-técnico.** Katelin Gruiz; Miguel Á Sogorb. 2019. Opinion proposing harmonised classification and labelling at EU level of cypermethrin (ISO); α -cyano-3-phenoxybenzyl 3(2,2-dichlorovinyl)-2,2dimethylcyclopropanecarboxylate; cypermethrin cis/trans +/- 40/60 Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.
- 22 Informe científico-técnico.** Miguel Á Sogorb; Normunds Kadišis; Stavros Georgiou; Jean-Marc Brignon. 2018. Opinion on an Application for Authorisation for Use of sodium dichromate in molten bath form to modify surfaces, especially by blackening, of delicate medical products, specifically micro-surgical instruments Opinions of the Committee for Risk Assessment on proposals on applications for authorisation.
- 23 Informe científico-técnico.** Miguel Á Sogorb; Rita Leinonen. 2018. Opinion proposing harmonised classification and labelling at EU level of paclobutrazol (ISO); (2RS,3RS)-1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl)pentan-3-ol Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.
- 24 Informe científico-técnico.** Miguel Á Sogorb; Ignacio de la Flor. 2018. Opinion proposing harmonised classification and labelling at EU level of pymetrozine (ISO); (E)-4,5-dihydro-6-methyl-4-(3-pyridylmethylene amino)-1,2,4-triazin-3(2H)-one. Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.
- 25 Informe científico-técnico.** Miguel Á Sogorb. 2017. Opinion proposing harmonised classification and labelling at EU level of pentasodium (carboxylatomethyl)iminobis(ethylenitrilo) tetraacetate Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.
- 26 Informe científico-técnico.** Miguel Á Sogorb. 2017. Opinion proposing harmonised classification and labelling at EU level of N-carboxymethyliminobis(ethylenitrilo)tetra(acetic acid). Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.
- 27 Informe científico-técnico.** Miguel Á Sogorb. 2017. Opinion proposing harmonised classification and labelling at EU level of pentapotassium 2,2',2'',2''',2''''-(ethane-1,2diyl)nitrito)pentaacetate Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.

28 Informe científico-técnico. Miguel Á Sogorb; João Carvalho. 2016. Opinion proposing harmonised classification and labelling at EU level of propiconazole (ISO); (2RS,4RS;2RS,4SR)-1-[[2(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2yl]methyl]-1H-1,2,4-triazole
Opinions of the Committee for Risk Assessment on proposals for harmonised classification and labelling.

C.2. Proyectos

- 1 Colaboración con Centroamérica para identificar factores de riesgo de Salud Ambiental en comunidades rurales Universidad Miguel Hernández de Elche. Miguel Á Sogorb. (Universidad Miguel Hernández de Elche). 01/10/2019-01/10/2020. 3.000 €.
- 2 Hacia un nuevo paradigma en la identificación de peligros y evaluación de la seguridad y el riesgo de neurotoxicidad asociado la exposición a nanomateriales con aplicaciones biotecnológicas Fundación Ramón Areces. Miguel Á Sogorb. (Universidad Miguel Hernández de Elche). 01/01/2017-31/12/2019. 110.500 €.
- 3 Light sheet microscopy equipment for the comparative genomics of adventitious root Conselleria d'Educació, Generalitat Valenciana. José Manuel Pérez Pérez. (Universidad Miguel Hernández de Elche). 01/01/2018-31/12/2018. Miembro de equipo.
- 4 Formación de consorcio para solicitud de proyecto sobre estrategia integrada para incrementar la eficacia de los procesos de evaluación del riesgo de embriotoxicidad por exposición a nanomateriales Generalitat Valenciana. Miguel Á Sogorb. (Universidad Miguel Hernández de Elche). 01/01/2016-31/12/2016.
- 5 Proyecto para la convocatoria MNP-29 titulado: An integrated testing strategy for increasing the capacity to perform risk assessment of developmental toxicity of nanomaterials Ministerio de Economía y Competitividad. Miguel Á Sogorb. (Universidad Miguel Hernández de Elche). 01/01/2105-31/12/2015. 9.200 €.

C.3. Contratos

C.4. Patentes

- 1 Eugenio Vilanova; Miguel Á Sogorb; Antonio Monroy-Noyola. ES20160030997. Albúminas y péptidos capaces de hidrolizar compuestos organofosforados y carbamatos y usos de los mismos España. 02/08/2018.
- 2 Eugenio Vilanova; Miguel Á Sogorb. ES2363398B1. Métodos y composiciones para la identificación de compuestos embriotóxicos España. 06/2012.