

CV date

2020/12/13

Part A. PERSONAL INFORMATION

First and Family name	Francesc Xavier Sureda Batlle		
Social Security, Passport, ID number			
Researcher numbers	Researcher ID	K-8046-2014	
	ORCID	0000-0002-7968-3929	

A.1. Current position

Name of University/Institution	Universitat Rovira i Virgili		
Department			
Address and Country	Tarragona		
Current position	Coordinador/a P.D. en Biomedicina	From	1999-04-06
Espec. cód. UNESCO	Neurociencias (Cod: 249000), Farmacodinámica (Cod: 320800)		
Keywords	Neurociencias, Farmacodinámica		

A.2. Education

PhD	University	Year
Doctorado Farmacia	Facultat de Farmàcia. Univ. Barcelona	1995

A.3. JCR articles, h Index, thesis supervised...

Nº of Directed Thesis: 4

Total Pub. (WoS): 78 | Total Cites: 1952 (date of: 2020-12-10)

Total Pub. (Scopus): 80 | Total Cites: 2041 (date of: 2020-12-13)

Total Pub. (Google Scholar): 97 | Total Cites: 2555 (date of: 2020-10-05)

Mean of cites/doc (WoS): 25.026

Total of Pub. Q1: 68

- Total of Pub. Q1: 40 (WoS)

- Total of Pub. Q1: 65 (Scopus)

Total of Pub. Q1 (last 10 years): 22

- Total of Pub. Q1 (last 10 years): 12 (WoS)

- Total of Pub. Q1 (last 10 years): 22 (Scopus)

H index(WoS): 25 (date of: 2020-12-10)

H index(Scopus): 25 (date of: 2020-12-13)
H index(Google Scholar): 28 (date of: 2020-10-05)
H index(from 2010) (Google Scholar): 15 (date of: 2020-10-05)
Index i10 Google Scholar: 59 (date of: 2020-10-05)
Index i10 (from 2010) (Google Scholar): 32 (date of: 2020-10-05)

Part C. RELEVANT MERITS

C.1. Publications (including books)

Article: Tudáñez A; Toldrà A; Rey M; Todolà I; Andree KB; Fernández-Tejedor M; Campàs M; Sureda FX; Diogène J. Gambierdiscus and fukuyoa as potential indicators of ciguatera risk in the balearic islands HARMFUL ALGAE. ISSN/ISBN: 15689883. 2020, vol.: 99 n°: . pg: -. DOI:10.1016/j.hal.2020.101913. 3.707. 1.966

Review: Busquets O; Ettcheto M; Cano A; Manzine PR; Sánchez-Lopez E; Espinosa-Jiménez T; Verdaguer E; Castro-Torres RD; Beas-Zarate C; Sureda FX; Olloquequi J; Auladell C; Folch J; Camins A. Role of c-jun N-terminal kinases (JNKs) in epilepsy and metabolic cognitive impairment INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. ISSN/ISBN: 14220067. 2020, vol.: 21 n°: 1. pg: -. DOI:10.3390/ijms21010255. 4.556. 1.317

Article: Pérez-Areales FJ, Turcu AL, Barniol-Xicota M, Pont C, Pivetta D, Espargaró A, Bartolini M, De Simone A, Andrisano V, Pérez B, Sabate R, Sureda FX, Vázquez S, Muñoz-Torrero D. A novel class of multitarget anti-Alzheimer benzohomoadamantane–chlorotacrine hybrids modulating cholinesterases and glutamate NMDA receptors. EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY. ISSN/ISBN: 02235234. 2019, vol.: 180 n°: . pg: 613 -626. DOI:10.1016/j.ejmech.2019.07.051. 5.573. 1.144

Article: Camins A, Ettcheto M, Busquets O, Manzine P, Castro-Torres R, Beas-Zarate C, Verdaguer E, Sureda F, Bulló M, Olloquequi J, Auladell C, Folch J. Triple GLP-1/GIP/glucagon receptor agonists, a potential novel treatment strategy in Alzheimer's disease EXPERT OPINION ON INVESTIGATIONAL DRUGS. ISSN/ISBN: 13543784. 2019, vol.: 28 n°: 1. pg: 93 -97. DOI:10.1080/13543784.2019.1552677. 5.081. 1.180

Article: Griñán-Ferré C; Vasilopoulou F; Abás S; Rodríguez-Arévalo S; Bagán A; Sureda FX; Pérez B; Callado LF; García-Sevilla JA; García-Fuster MJ; Escolano C; Pallàs M. Behavioral and Cognitive Improvement Induced by Novel Imidazoline I2 Receptor Ligands in Female SAMP8 Mice NEUROTHERAPEUTICS. ISSN/ISBN: 19337213. 2019, vol.: 16 n°: 2. pg: 416 - 431. DOI:10.1007/s13311-018-00681-5. 6.035. 2.230

Article: Karoutzou O, Kwak SH, Lee SD, Martínez-Falguera D, Sureda FX, Vázquez S, Kim YC, Barniol-Xicota M . Towards a Novel Class of Multitarget-Directed Ligands: Dual P2X7-NMDA Receptor Antagonists MOLECULES. ISSN/ISBN: 14203049. 2018, vol.: 23 n°: 1. pg: -. DOI:10.3390/molecules23010230. 3.060. 0.757

Article: Leiva R, Phillips MB, Turcu AL, Gratacòs-Batlle E, León-García L, Sureda FX, Soto D, Johnson JW, Vázquez S . Pharmacological and Electrophysiological Characterization of Novel NMDA Receptor Antagonists. ACS CHEMICAL NEUROSCIENCE. ISSN/ISBN: 19487193. 2018, vol.: 9 n°: 11. pg: 2722 -2730. DOI:10.1021/acschemneuro.8b00154. 3.861. 1.305

Article: Patraca I; Martínez N; Busquets O; Martí A; Pedrós I; Beas-Zarate C; Marin M; Etcheto M; Sureda F; Auladell C; Camins A; Folch J. Anti-inflammatory role of Leptin in glial cells through p38 MAPK pathway inhibition PHARMACOLOGICAL REPORTS. ISSN/ISBN: 17341140. 2017, vol.: 69 n°: 3. pg: 409 -418. DOI:10.1016/j.pharep.2016.12.005. 2.787. 0.773

Chapter: Sureda, F.X.. Interacciones Farmacológicas FUNDAMENTOS DE FARMACOLOGÍA PARA FISIOTERAPEUTAS. ISSN/ISBN: . 2017, vol.: n°: . pg: 81 -89. DOI: .

Chapter: Sureda, F.X.. Farmacología del sistema nervioso central y de las enfermedades neurodegenerativas FUNDAMENTOS DE FARMACOLOGÍA PARA FISIOTERAPEUTAS. ISSN/ISBN: . 2017, vol.: n°: . pg: 131 -145. DOI: .

Article: Pereira NA, Sureda FX, Pérez M, Amat M, Santos MM . Enantiopure Indolo[2,3-a]quinolizidines: Synthesis and Evaluation as NMDA Receptor Antagonists. MOLECULES. ISSN/ISBN: 14203049. 2016, vol.: 21 n°: 8. pg: -. DOI:10.3390/molecules21081027. 2.861. 0.825

Review: Pedros I; Patraca I; Martinez N; Petrov D; Sureda F; Auladell C; Beas-Zarate C; Folch J. Molecular links between early energy metabolism alterations and Alzheimer's disease FRONTIERS IN BIOSCIENCE-LANDMARK. ISSN/ISBN: 10939946. 2016, vol.: 21 n°: 1. pg: 8 -19. DOI:10.2741/4372. 2.497. 1.059

Article: Pedrós I; Petrov D; Artiach G; Abad S; Ramon-Duaso C; Sureda F; Pallàs M; Beas-Zarate C; Folch J; Camins A. Adipokine pathways are altered in hippocampus of an experimental mouse model of Alzheimer's disease JOURNAL OF NUTRITION HEALTH & AGING. ISSN/ISBN: 12797707. 2015, vol.: 19 n°: 4. pg: 403 -412. DOI:10.1007/s12603-014-0574-5. 3.199. 1.130

Article: Canadell L, Martín-Loeches I, Díaz E, Trefler S, Grau S, Yebenes JC, Almirall J, Olona M, Sureda F, Blanquer J, Rodriguez A, GETGAG. Degree of adherence to recommended antiviral treatment during the pandemic and post-pandemic periods of influenza A(H1N1)pdm09 in 148 intensive care units in Spain MEDICINA INTENSIVA. ISSN/ISBN: 02105691. 2015, vol.: 39 n°: 4. pg: 222 -233. DOI:10.1016/j.medin.2014.06.001. 1.193. 0.357

Article: Leiva R, Gazzarrini S, Esplugas R, Moroni A, Naesens L, Sureda FX, Vázquez S.. Ritter reaction-mediated syntheses of 2-oxadamantan-5-amine, a novel amantadine analog TETRAHEDRON LETTERS. ISSN/ISBN: 00404039. 2015, vol.: 56 n°: 10. pg: 1272 -1275. DOI:10.1016/j.tetlet.2015.01.160. 2.347. 0.748

Article: Solino, Lucia; Sureda, Francesc X; Diogene, Jorge. Evaluation of okadaic acid, dinophysistoxin-1 and dinophysistoxin-2 toxicity on Neuro-2a, NG108-15 and MCF-7 cell lines TOXICOLOGY IN VITRO. ISSN/ISBN: 08872333. 2015, vol.: 29 n°: 1. pg: 59 -62. DOI:10.1016/j.tiv.2014.09.002. 3.338. 1.096

Article: Petrov, Dmitry; Pedros, Ignacio; Artiach, Gonzalo; Sureda, Francesc X; Barroso, Emma; Pallas, Merce; Casadesus, Gemma; Beas-Zarate, Carlos; Carro, Eva; Ferrer, Isidro; Vazquez-Carrera, Manuel; Folch, Jaume; Camins, Antoni. High-fat diet-induced deregulation of hippocampal insulin signaling and mitochondrial homeostasis deficiencies contribute to Alzheimer disease pathology in rodents *BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE*. ISSN/ISBN: 09254439. 2015, vol.: 1852 n°: 9. pg: 1687 -1699.

DOI:10.1016/j.bbadis.2015.05.004. 5.158. 2.818

Article: L Canadell; Ignacio Martín-Loeches; E Díaz; S Trefler; Santiago Grau Cerrato; Juan Carlos Yébenes; Jordi Almirall i Pujol; M Olona; F Sureda; J Blanquer; Alejandro Rodríguez Oviedo. Grado de adherencia al tratamiento antivirico recomendado durante la pandemia y periodo pospandémico de gripe A (H1N1)pdm09 en 148 unidades de cuidados intensivos españolas *MEDICINA INTENSIVA*. ISSN/ISBN: 15786749,02105691. 2015, vol.: 39 n°: 4. pg: 222 -233. DOI: .

Article: Pereira NA, Sureda FX, Esplugas R, Pérez M, Amat M, Santos MM.. Tryptophanol-derived oxazolopiperidone lactams: Identification of a hit compound as NMDA receptor antagonist *BIOORGANIC & MEDICINAL CHEMISTRY LETTERS*. ISSN/ISBN: 0960894X. 2014, vol.: 24 n°: 15. pg: 3333 -3336. DOI:10.1016/j.bmcl.2014.05.105. 2.420. 0.942

Article: Pedrós I, Petrov D, Allgaier M, Sureda F, Barroso E, Beas-Zarate C, Auladell C, Pallàs M, Vázquez-Carrera M, Casadesús G, Folch J, Camins A.. Early alterations in energy metabolism in the hippocampus of APP^{swe}/PS1^{dE9} mouse model of Alzheimer's disease *BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE*. ISSN/ISBN: 09254439. 2014, vol.: 1842 n°: 9. pg: 1556 -1566. DOI:10.1016/j.bbadis.2014.05.025. 4.882. 2.369

Article: Valverde E, Sureda FX, Vázquez S.. Novel benzopolycyclic amines with NMDA receptor antagonist activity *BIOORGANIC & MEDICINAL CHEMISTRY*. ISSN/ISBN: 09680896. 2014, vol.: 22 n°: 9. pg: 2678 -2683. DOI:10.1016/j.bmc.2014.03.025. 2.793. 1.010

Article: Pereira N; Sureda F; Turch M; Amat M; Bosch J; Santos M. Synthesis of phenylalaninol-derived oxazolopyrrolidone lactams and evaluation as NMDA receptor antagonists *MONATSCHEFTE FÜR CHEMIE*. ISSN/ISBN: 00269247. 2013, vol.: 144 n°: 4. pg: 473 -477. DOI:10.1007/s00706-012-0880-8. 1.347. 0.406

Article: Folch, J.; Pedrós, I.; Patraca, I.; Martínez, N.; Sureda, F.; Camins, A.. Metabolic Basis Of Sporadic Alzheimer's Disease.Role Of Hormones Related To Energy Metabolism. *CURRENT PHARMACEUTICAL DESIGN*. ISSN/ISBN: 13816128. 2013, vol.: 19 n°: 38. pg: 6739 -6748. DOI:. 3.288. 1.295

Article: Folch, Jaume; Pedros, Ignacio; Patraca, Ivan; Martinez, Nohora; Sureda, Francesc; Camins, Antoni. Metabolic Basis of Sporadic Alzheimer's Disease. Role of Hormones Related to Energy Metabolism *CURRENT PHARMACEUTICAL DESIGN*. ISSN/ISBN: 13816128. 2013, vol.: 19 n°: 38. pg: 6739 -6748. DOI:. 3.288. 1.295

Article: Folch J; Pedrós I; Patraca I; Martínez N; Sureda F; Camins A. Metabolic basis of sporadic Alzheimer's disease. Role of hormones related to energy metabolism *CURRENT PHARMACEUTICAL DESIGN*. ISSN/ISBN: 13816128. 2013, vol.: 19 n°: 38. pg: 6739 -6748. DOI:10.2174/13816128113199990612. 3.288. 1.295

Review: Folch J; Pedrós I; Patraca I; Sureda F; Junyent F; Beas-Zarate C; Verdaguer E; Pallàs M; Auladell C; Camins A. Neuroprotective and anti-ageing role of leptin JOURNAL OF MOLECULAR ENDOCRINOLOGY. ISSN/ISBN: 09525041. 2012, vol.: 49 n°: 3. pg: -. DOI:10.1530/JME-12-0151. 3.577. 1.635

Article: Torres E; Duque M; López-Querol M; Taylor M; Naesens L; Ma C; Pinto L; Sureda F; Kelly J; Vázquez S. Synthesis of benzopolycyclic cage amines: NMDA receptor antagonist, trypanocidal and antiviral activities BIOORGANIC & MEDICINAL CHEMISTRY. ISSN/ISBN: 09680896. 2012, vol.: 20 n°: 2. pg: 942 -948. DOI:10.1016/j.bmc.2011.11.050. 2.903. 1.204

Article: Francesc X. Sureda Batlle.. Farmacología del sistema gastrointestinal. FARMACOLOGÍA EN NUTRICIÓN.. ISSN/ISBN: 9788498353327. 2012, vol.: n°: . pg: 57 -71. DOI:9788498353327. .

Article: Francesc X. Sureda Batlle; Antoni Camins Espuny. Farmacología del sistema cardiovascular y de la sangre. FARMACOLOGÍA EN NUTRICIÓN.. ISSN/ISBN: 9788498353327. 2012, vol.: n°: . pg: 73 -86. DOI:.. .

Article: Francesc X. Sureda Batlle.. Principales mecanismos responsables de las interacciones farmacológicas. FARMACOLOGÍA EN NUTRICIÓN.. ISSN/ISBN: 9788498353327. 2012, vol.: n°: . pg: 201 -209. DOI:.. .

Chapter: Francesc X. Sureda Batlle; Antoni Camins Espuny. Farmacología del sistema cardiovascular y de la sangre FARMACOLOGÍA EN NUTRICIÓN. ISSN/ISBN: . 2012, vol.: n°: . pg: 73 -86. DOI:.. .

Chapter: Francesc X. Sureda Batlle.. Principales mecanismos responsables de las interacciones farmacológicas FARMACOLOGÍA EN NUTRICIÓN.. ISSN/ISBN: 9788498353327. 2012, vol.: n°: . pg: 201 -209. DOI:.. .

Chapter: Francesc X. Sureda Batlle.. Farmacología del sistema gastrointestinal. FARMACOLOGÍA EN NUTRICIÓN.. ISSN/ISBN: 9788498353327. 2012, vol.: n°: . pg: 57 -71. DOI:.. .

Article: Pizarro J; Verdaguer E; Ancrenaz V; Junyent F; Sureda F; Pallàs M; Folch J; Camins A. Resveratrol Inhibits Proliferation and Promotes Apoptosis of Neuroblastoma Cells: Role of Sirtuin 1 NEUROCHEMICAL RESEARCH. ISSN/ISBN: 03643190. 2011, vol.: 36 n°: 2. pg: 187 -194. DOI:10.1007/s11064-010-0296-y. 2.240. 0.956

Chapter: Sureda, F.X.; Pedrós,I.; Junyent, F.; Verdaguer, E.; Auladell, C.; Folch, J.. La leptina como agente neuroprotector TÓPICOS DE ACTUALIZACIÓN EN NEUROBIOLOGÍA, ENVEJECIMIENTO Y NEURODEGENERACIÓN. ISSN/ISBN: . 2011, vol.: n°: . pg: -. DOI:9786074504026. .

Article: Torres E.; Duque MD.; López-Querol M.; Taylor MC.; Naesens L.; Ma C.; Pinto LH.; Sureda FX.; Kelly JM.; Vázquez S.. Synthesis of benzopolycyclic cage amines: NMDA receptor antagonist, trypanocidal and antiviral activities. BIOORGANIC & MEDICINAL CHEMISTRY. ISSN/ISBN: 09680896. 2011, vol.: 20 n°: 2. pg: 942 -948. DOI:.. 2.921. 1.137

Review: Sureda, F.X.; Junyent, F.; Verdaguer, E.; Auladell, C.; Pelegri, C.; Vilaplana, J.; Folch, J.; Canudas, A.M.; Zarate, C.B.; Pallès, M.; Camins, A.. Antiapoptotic drugs: a therapeutic strategy for the prevention of neurodegenerative diseases CURRENT PHARMACEUTICAL DESIGN. ISSN/ISBN: 13816128. 2011, vol.: 17 n°: 3. pg: 230 -245. DOI:.. 3.870. 1.414

Article: Francesc X. Sureda Batlle; Marta López Querol.. Evaluación de la actividad antagonista glutamatérgica y neuroprotectora de nuevos compuestos policíclicos. TÓPICOS DE ACTUALIZACIÓN EN NEUROBIOLOGÍA. ISSN/ISBN: 9786074504026. 2011, vol.: n°: . pg: 267 -279. DOI:.. .

Review: Sureda F; Junyent F; Verdaguer E; Auladell C; Pelegri C; Vilaplana J; Folch J; Canudas A; Zarate C; Pallàs M; Camins A. Antiapoptotic drugs: A therapeutic strategy for the prevention of neurodegenerative diseases CURRENT PHARMACEUTICAL DESIGN. ISSN/ISBN: 13816128. 2011, vol.: 17 n°: 3. pg: 230 -245. DOI:10.2174/138161211795049732. 3.870. 1.414

Article: Folch J; Alvira D; López-Querol M; Tajés M; Sureda F; Forsby A; Rimbau V; Camins A; Pallàs M. Evaluation of transcriptional activity of caspase-3 gene as a marker of acute neurotoxicity in rat cerebellar granular cells TOXICOLOGY IN VITRO. ISSN/ISBN: 08872333. 2010, vol.: 24 n°: 2. pg: 465 -471. DOI:10.1016/j.tiv.2009.09.023. 2.546. 0.836

Review: Camins A, Sureda FX, Junyent F, Verdaguer E, Folch J, Beas-Zarate C, Pallas M.. An overview of investigational antiapoptotic drugs with potential application for the treatment of neurodegenerative disorders EXPERT OPINION ON INVESTIGATIONAL DRUGS. ISSN/ISBN: 13543784. 2010, vol.: 19 n°: 5. pg: 587 -604. DOI:10.1517/13543781003781898. 4.337. 1.367

Review: Camins A, Sureda FX, Junyent F, Verdaguer E, Folch J, Pelegri C, Vilaplana J, Beas-Zarate C, Pallàs M.. Sirtuin activators: Designing molecules to extend life span BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE. ISSN/ISBN: 09254439. 2010, vol.: 1799 n°: 10-12. pg: 740 -749. DOI:10.1016/j.bbaggm.2010.06.005. 5.211. 2.749

Article: Duque M; Camps P; Torres E; Valverde E; Sureda F; López-Querol M; Camins A; Prathalingam S; Kelly J; Vázquez S. New oxapolycyclic cage amines with NMDA receptor antagonist and trypanocidal activities BIOORGANIC & MEDICINAL CHEMISTRY. ISSN/ISBN: 09680896. 2010, vol.: 18 n°: 1. pg: 46 -57. DOI:10.1016/j.bmc.2009.11.017. 2.978. 1.083

Article: Junyent F, Alvira D, Yeste-Velasco M, de la Torre AV, Beas-Zarate C, Sureda FX, Folch J, Pallàs M, Camins A, Verdaguer E.. Prosurvival role of JAK/STAT and Akt signaling pathways in MPP+-induced apoptosis in neurons NEUROCHEMISTRY INTERNATIONAL. ISSN/ISBN: 01970186. 2010, vol.: 57 n°: 7. pg: 774 -782. DOI:10.1016/j.neuint.2010.08.015. 3.601. 1.603

Article: Camins, Antoni; Pizarro, Javier G; Alvira, Daniel; Gutierrez-Cuesta, Javier; de la Torre, Aurelio Vazquez; Folch, Jaume; Sureda, Francesc X; Verdaguer, Ester; Junyent, Felix; Jordan, Joaquin; Ferrer, Isidre; Pallas, Merce. Activation of ataxia telangiectasia muted under experimental models and human Parkinson's disease CELLULAR AND MOLECULAR LIFE SCIENCES. ISSN/ISBN: 1420682X. 2010, vol.: 67 n°: 22. pg: 3865 -3882. DOI:10.1007/s00018-010-0408-5. 7.047. 4.001

Article: Duque M; Camps P; Profire L; Montaner S; Vázquez S; Sureda F; Mallol J; López-Querol M; Naesens L; Clercq E; Radhika Prathalingam S; Kelly J. Synthesis and pharmacological evaluation of (2-oxadamant-1-yl)amines BIOORGANIC & MEDICINAL CHEMISTRY. ISSN/ISBN: 09680896. 2009, vol.: 17 n°: 8. pg: 3198 -3206. DOI:10.1016/j.bmc.2009.02.007. 2.822. 1.130

Article: Duque, M.D.; Camps, P.; Profire, L.; Montaner, S.; Vázquez, S.; Sureda, F.X.; Mallol, J.; López-Querol, M.; Naesens, L.; De Clercq, E.; Prathalingam, S.R.; Kelly, J.M.. Synthesis and pharmacological evaluation of (2-oxadamant-1-yl)amines. *BIOORGANIC & MEDICINAL CHEMISTRY LETTERS*. ISSN/ISBN: 0960894X. 2009, vol.: 17 n°: 8. pg: 3198 -3206. DOI: 2.650. 1.123

Article: Folch J, Yeste-Velasco M, Alvira D, de la Torre AV, Bordas M, López M, Sureda FX, Rimbau V, Camins A, Pallàs M.. Evaluation of pathways involved in pentachlorophenol-induced apoptosis in rat neurons *NEUROTOXICOLOGY*. ISSN/ISBN: 0161813X. 2009, vol.: 30 n°: 3. pg: 451 -458. DOI:10.1016/j.neuro.2009.02.001. 2.918. 1.187

Article: Camps P; Duque M; Vázquez S; Naesens L; Clercq E; Sureda F; López-Querol M; Camins A; Pallàs M; Prathalingam S; Kelly J; Romero V; Ivorra D; Cortés D. Synthesis and pharmacological evaluation of several ring-contracted amantadine analogs *BIOORGANIC & MEDICINAL CHEMISTRY*. ISSN/ISBN: 09680896. 2008, vol.: 16 n°: 23. pg: 9925 -9936. DOI:10.1016/j.bmc.2008.10.028. 3.075. 1.206

Article: Kolocouris A; Spearpoint P; Martin S; Hay A; López-Querol M; Sureda F; Padalko E; Neyts J; De Clercq E. Comparisons of the influenza virus A M2 channel binding affinities, anti-influenza virus potencies and NMDA antagonistic activities of 2-alkyl-2-aminoadamantanes and analogues *BIOORGANIC & MEDICINAL CHEMISTRY LETTERS*. ISSN/ISBN: 0960894X. 2008, vol.: 18 n°: 23. pg: 6156 -6160. DOI:10.1016/j.bmcl.2008.10.003. 2.531. 1.140

Article: Pallàs M, Pizarro JG, Gutierrez-Cuesta J, Crespo-Biel N, Alvira D, Tajés M, Yeste-Velasco M, Folch J, Canudas AM, Sureda FX, Ferrer I, Camins A.. Modulation of SIRT1 expression in different neurodegenerative models and human pathologies. *NEUROSCIENCE*. ISSN/ISBN: 03064522. 2008, vol.: 154 n°: 4. pg: 1388 -1397. DOI: 3.556. 2.105

Article: Yeste-Velasco M, Alvira D, Sureda FX, Rimbau V, Forsby A, Pallàs M, Camins A, Folch J.. DNA low-density array analysis of colchicine neurotoxicity in rat cerebellar granular neurons *NEUROTOXICOLOGY*. ISSN/ISBN: 0161813X. 2008, vol.: 29 n°: 2. pg: 309 -317. DOI:10.1016/j.neuro.2007.11.007. 2.409. 0.955

Article: Pallas, M; Pizarro, J G; Gutierrez-Cuesta, J; Crespo-Biel, N; Alvira, D; Tajés, M; Yeste-Velasco, M; Folch, J; Canudas, A M; Sureda, F X; Ferrer, I; Camins, A. Modulation of SIRT1 expression in different neurodegenerative models and human pathologies *NEUROSCIENCE*. ISSN/ISBN: 03064522. 2008, vol.: 154 n°: 4. pg: 1388 -1397. DOI:10.1016/j.neuroscience.2008.04.065. 3.556. 2.105

Article: Gutierrez-Cuesta J, Sureda FX, Romeu M, Canudas AM, Caballero B, Coto-Montes A, Camins A, Pallàs M.. Chronic administration of melatonin reduces cerebral injury biomarkers in SAMP8 *JOURNAL OF PINEAL RESEARCH*. ISSN/ISBN: 07423098. 2007, vol.: 42 n°: 4. pg: 394 -402. DOI:10.1111/j.1600-079x.2007.00433.x. 4.098. 1.187

Article: Mulero M; Romeu M; Giralt M; Folch J; Rosa Nogués M; Fortuño A; Xavier Sureda F; Linares V; Cabré M; Luis Paternáin J; Mallol J. Oxidative stress-related markers and Langerhans cells in a hairless rat model exposed to UV radiation *JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH-PART A-CURRENT ISSUES*. ISSN/ISBN: 15287394. 2006, vol.: 69 n°: 14. pg: 1371 -1385. DOI:10.1080/15287390500471187. . 0.822

Article: Sureda F; Gutierrez-Cuesta J; Romeu M; Mulero M; Canudas A; Camins A; Mallol J; Pallàs M. Changes in oxidative stress parameters and neurodegeneration markers in the brain of the senescence-accelerated mice SAMP-8 *EXPERIMENTAL GERONTOLOGY*. ISSN/ISBN: 05315565. 2006, vol.: 41 n°: 4. pg: 360 -367. DOI:10.1016/j.exger.2006.01.015. 2.930. 1.392

Article: Mulero, M.; Romeu, M.; Giralt, M.; Folch, J.; Nogués, M.R.; Fortuño, A.; Sureda, F.X.; Linares, V.; Cabré, M.; Paternain, J.L.; Mallol, J.. Oxidative stress-related markers and Langerhans cells in a hairless rat model exposed to UV radiation J TOXICOL ENV HEALTH. ISSN/ISBN: 00984108. 2006, vol.: 69 n°: 14. pg: 1371 -1385. DOI:. 1.811.

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C.2. Research projects and grants

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Competitive project (Program: Ministerio de Educación y Ciencia. Ref: SAF2006-13092-C02-01/). Mecanismos de envejecimiento cerebral: papel de GSK3 β /cdk5 y de las Sirtuinas in vivo Equip: FOLCH LOPEZ, JAUME (Investigador/a); SUREDA BATLLE, FRANCESC XAVIER (Investigador/a). Duration: 01-01-2006 - 01-01-2009. Financing: 166980.00 Euros

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Competitive project (Program: Instituto de Salud Carlos III. Ref: PI041300). Papel de la mitocondria en la muerte neuronal: implicación del daño del ADN en la muerte neuronal apoptótica, modulación por la ATM (proteína mutada en ataxia telangiectasia) Equip: FOLCH LOPEZ, JAUME (Participante); SUREDA BATLLE, FRANCESC XAVIER (Investigador/a). Duration: 01-01-2005 - 01-01-2007. Financing: 73600.00 Euros

Competitive project (Program: Ministerio de ciencia y tecnología. Ref:). Alteración del ciclo celular en los procesos de excitotoxicidad: diana terapéutica en el tratamiento de trastornos neurodegenerativos Equip: SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 01-01-2003 - 01-01-2005. Financing: 65000.00 Euros

Competitive project (Program: Instituto de Salud Carlos III. Ref:). Bases moleculares y celulares del daño oxidativo en el envejecimiento. Investigación fisiopatológica. Equip: CABRÉ BARGALLÓ, MARIA (Participante); GIRALT BATISTA, MONTSERRAT (Participante); LINARES VIDAL, M. VICTORIA (Participante); MULERO ABELLÁN, MIGUEL (Participante); ROMEU FERRAN, MARTA (Participante); NOGUÉS LLORT, MARIA ROSA (Participante); FOLCH LOPEZ, JAUME (Participante); PATERNÁIN SUBERVIOLA, JOSÉ LUIS (Participante); SUREDA BATLLE, FRANCESC XAVIER (Participante); MALLOL MIRÓN, JORGE (Participante). Duration: 01-01-2002 - 01-01-2004. Financing: 26670.77 Euros

Competitive project (Program: Instituto de Salud Carlos III. Ref:). Mecanismos de muerte neuronal en modelos animales y patología humana. Investigación en enfermedades neurológicas Equip: SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 01-01-2002 - 01-01-2004. Financing:

Competitive project (Program: Universitat Rovira i Virgili. Ref: 2001ACCES-07). Desenvolupament tècnic i econòmic d'un projecte de recerca coordinat. Grup de Farmacologia cel.lular URV Equip: SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 11-05-2001 - 05-04-2002. Financing: 2824.76 Euros

Competitive project (Program: Fundació La Marató de TV3. Ref:). Les substàncies d'abús com a factor de risc en l'esquizofrènia Equip: SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 01-01-2001 - 01-01-2004. Financing: 56862.96 Euros

Competitive project (Program: Universitat Rovira i Virgili. Ref: 2001PIR-10). Infraestructura de recerca de la Universitat Rovira i Virgili (CFI Plan Apo 100X OIL, 1.4 n.a., sense contrast defases) Equip: CABRÉ BARGALLÓ, MARIA (Participante); GIRALT BATISTA, MONTSERRAT (Participante); TOMÁS FERRÉ, JOSÉ MARIA (Investigador principal (IP)); MULERO ABELLÁN, MIGUEL (Investigador/a); GARCIA SANCHO, MARIA DE LES NEUS (Investigador/a); NOGUÉS LLORT, MARIA ROSA (Participante); PATERNÁIN SUBERVIOLA, JOSÉ LUIS (Participante); SUREDA BATLLE, FRANCESC XAVIER (Participante); MALLOL MIRÓN, JORGE (Participante). Duration: 01-01-2001 - 01-01-2001. Financing: 6544.97 Euros

Competitive project (Program: Fundació La Marató de TV3. Ref:). Estudi d'una teràpia alternativa per evitar els efectes neurotòxics de la ciclosporina A en el trasplantament d'òrgans Equip: SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 01-01-2000 - 01-01-2003. Financing: 21724.00 Euros

Competitive project (Program: Consell Interdepartamental de Recerca i Innovació Tecnològica. Generalitat de Catalunya. Ref: 1999ACES 00032). Avaluació de l'efecte de lligams dels receptors metabotrópics a glutamat (mGluR) en hepatòcits de fetge de rata en cultiu Equip: FOLCH LOPEZ, JAUME (Participante); SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 12-15-1999 - 06-14-2000. Financing: 3005.06 Euros

Competitive project (Program: Universitat Rovira i Virgili. Ref: 1999ACCES-02). Implantació d'un protocol de determinació de la concentració intracel.lular de calci en sistemes in vitro Equip: NOGUÉS LLORT, MARIA ROSA (Participante); SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 10-01-1999 - 02-29-2000. Financing: 601.01 Euros

Competitive project (Program: Ministerio de Educación y Ciencia. Ref: SAF99-0048). Estudio del proceso de inmunodepresión cutánea, debido a la radiación ultravioleta, en ratas hairless. Efecto de los fotoprotectores Equip: CABRÉ BARGALLÓ, MARIA (Participante); GIRALT BATISTA, MONTSERRAT (Participante); FORTUÑO MAR, ÁNGELES (Participante); NOGUÉS LLORT, MARIA ROSA (Participante); FOLCH LOPEZ, JAUME (Participante); PATERNÁIN SUBERVIOLA, JOSÉ LUIS (Participante); SUREDA BATLLE, FRANCESC XAVIER (Participante); MALLOL MIRÓN, JORGE (Participante). Duration: 06-01-1999 - 05-31-2002. Financing: 27646.56 Euros

Competitive project (Program: Universitat Rovira i Virgili. Ref: 1999IURV-00246). Infraestructura de recerca de la Universitat Rovira i Virgili (Actualització espectrofluorímetre) Equip: GIRALT BATISTA, MONTSERRAT (Participante); NOGUÉS LLORT, MARIA ROSA (Participante); SUREDA BATLLE, FRANCESC XAVIER (Participante); MALLOL MIRÓN, JORGE (Participante). Duration: 01-01-1999 - 01-01-1999. Financing: 6802.42 Euros

Competitive project (Program: Comisión Interministerial de Ciencia y Tecnología (CICYT). Ref: PM98-0195). Estudio de un posible mecanismo autoinmune mediado por proteínas del estrés en el daño neuronal. Equip: SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 01-01-1996 - 01-01-1998. Financing: 39065.79 Euros

Competitive project (Program: Comisión Interministerial de Ciencia y Tecnología (CICYT). Ref: SAF96-0375). Estudio del proceso neurodegenerativo mediante la medida de la población de receptores benzodiazepínicos periféricos a nivel del SNC y en plaqueta. Correlación con otros marcadores Equip: SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 01-01-1996 - 01-01-1998. Financing: 33055.67 Euros

C.3. Contracts

Contract (Participant entities: . Ref: FC007595). Cofinancament de Beques IRTA-URV. Equip: SUREDA BATLLE, FRANCESC XAVIER (Investigador principal (IP)). Duration: 2016-11-01 - 2019-10-31. Financiation: 55000.00

Contract (Participant entities: . Ref: T12116S). DETERMINATION OF ANTAGONIST ACTIVITY OF NEW COMPOUNDS AT THE NMDA RECEPTOR. Equip: SUREDA BATLLE, FRANCESC XAVIER (Investigador principal (IP)). Duration: 2012-05-25 - 2013-12-31. Financiation: 6900.00

Contract (Participant entities: . Ref: FC004019). Cofinancament de Beques IRTA-URV. Equip: SUREDA BATLLE, FRANCESC XAVIER (Investigador principal (IP)). Duration: 2010-11-01 - 2014-10-31. Financiation: 33068.00

Contract (Participant entities: . Ref:). Optimisation and pre-validation of an in vitro test strategy for predicting human acute toxicity. Proposal/contract FP6-512051. Equip: SUREDA BATLLE, FRANCESC XAVIER (Participante). Duration: 2005-01-01 - 2007-01-01. Financiation: 170808.00

C.4. Patents

C.5. Work direction

Final project (Bachelor): Influencia de la obesidad en la farmacocinética de fármacos analgésicos y anestésicos. Institution: Universitat Rovira i Virgili (Reus). Date: 06-13-2019. Qualification: . European: . Mention: . Date of Menció:

Final project (Bachelor): Efecto de los inhibidores del transportador de glucosa SGLT2 sobre factores de riesgo cardiovascular. Revisión sistemática de los ensayos clínicos publicados.. Institution: Universitat Rovira i Virgili. Date: 01-01-2018. Qualification: Notable. European: . Mention: . Date of Menció:

Final project (Bachelor): Revisión bibliográfica actualizada del efecto disulfiram causado por fármacos. Recomendaciones dietéticas relativas al consumo de bebidas alcoholicas y medicamentos.. Institution: Universitat Rovira i Virgili. Date: 01-01-2018. Qualification: Notable. European: . Mention: . Date of Menció:

Final project (Bachelor): La contribución de la fitoterapia en la prevención y control de la hipertensión.. Institution: Universitat Rovira i Virgili. Date: 01-01-2018. Qualification: Notable. European: . Mention: . Date of Menció:

Final project (Bachelor): Vitamina D: valores diagnósticos y tratamiento. Revisión bibliográfica. Institution: Universitat Rovira i Virgili. Date: 01-01-2017. Qualification: Notable. European: . Mention: . Date of Menció:

Final project (Bachelor): Puesta a punto de un método de transfección transitoria en células HEK-293. Modelo in vitro alternativo para la evaluación de fármacos antagonistas del receptor N-metil-D-aspartato. Institution: Universitat Rovira i Virgili. Date: 01-01-2017. Qualification: Sobresaliente. European: . Mention: . Date of Menció:

Doctoral Thesis: Alteraciones metabólicas en el proceso de amiloidogénesis en el hipocampo de ratones APP/PS1. Institution: Universitat Rovira i Virgili. Date: 01-01-2016. Qualification: . European: . Mention: . Date of Menció:

Final project (Bachelor): Avaluació de la capacitat antagonista de nous fàrmacs sobre el receptor N-metil-D-aspartat amb finalitats neuroprotectores. Institution: Universitat Rovira i Virgili. Date: 01-01-2016. Qualification: Notable. European: . Mention: . Date of Menció:

Final project (Master): Estudi de la capacitat antagonista de nous fàrmacs sobre el receptor NMDA amb finalitats neuroprotectores.. Institution: Universitat Rovira i Virgili. Date: 01-01-2016. Qualification: Sobresaliente. European: . Mention: . Date of Menció:

Final project (Bachelor): Efectes dels fàrmacs antipsicòtics sobre el pes corporal i la regulació del metabolisme de la glucosa. Institution: Universitat Rovira i Virgili. Date: 01-01-2015. Qualification: . European: . Mention: . Date of Menció:

Doctoral Thesis: Detección de Toxinas marinas y caracterización de su mecanismo de acción mediante ensayos celulares. Aplicaciones a la identificación de riesgos alimentarios. Institution: Universitat Rovira i Virgili. Date: 01-01-2015. Qualification: Sobresaliente cum laude por unanimidad. European: . Mention: . Date of Menció:

Final project (Bachelor): Utilització de fàrmacs antiepilèptics durant la gestació i l'alletament matern. Recomanacions i requeriments específics de suplementació. Institution: Universitat Rovira i Virgili. Date: 01-01-2015. Qualification: . European: . Mention: . Date of Menció:

Final project (Master): Determination of the activity of new compounds as NMDAR antagonists. An in vitro approach.. Institution: Universitat Rovira i Virgili. Date: 01-01-2014. Qualification: Sobresaliente. European: . Mention: . Date of Menció:

Final project (Bachelor): Efectes adversos del tractament amb antidepressius en el estat nutricional i l'alimentació: una revisió exhaustiva. Institution: Universitat Rovira i Virgili. Date: 01-01-2014. Qualification: . European: . Mention: . Date of Menció:

Doctoral Thesis: Análisis del grado de adherencia al tratamiento antivírico durante la pandemia de gripe A (H1N1)del 2009 y el período postpandémico 2010-11 en las unidades de cuidados intensivos españolas. Institution: Universitat Rovira i Virgili. Date: 01-01-2013. Qualification: Sobresaliente cum laude por unanimidad. European: . Mention: . Date of Menció:



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Final project (Master): Evaluación de la capacidad antagonista de nuevos fármacos sobre el receptor NMDA con finalidad neuroprotectora. Institution: Universitat Rovira i Virgili. Date: 01-01-2012. Qualification: Sobresaliente. European: . Mention: . Date of Mención:

Doctoral Thesis: Evaluación de la actividad antagonista glutamatérgica y neuroprotectora de nuevos compuestos policíclicos.. Institution: Univeristat Rovira i Virgili. Date: 01-01-2010. Qualification: Sobresaliente Cum Laude. European: . Mention: . Date of Mención:

Final project (Master): Evaluación farmacológica de derivados de la memantina como antagonistas glutamatérgicos. Institution: Universitat Rovira i Virgili. Date: 01-01-2008. Qualification: Sobresaliente. European: . Mention: . Date of Mención:

Minor thesis: Implicación de los receptores AMPA y kainato en procesos neurodegenerativos. Institution: Universitat de Barcelona. Date: 01-01-1997. Qualification: Sobresaliente cum laude por unanimidad. European: . Mention: . Date of Mención: