

Titlu proiect: Dezvoltarea unei biotehnologii bazate pe microorganismul *Arthrobacter nicotivorans* pentru producerea de compusi neuro-protectivi

Categoria de proiect: Proiect experimental - demonstrativ

Contractul de finanțare: 175PED- 28/08/2017

Manager proiect: Mihasan Marius

Pagina web: <http://www.bio.uaic.ro/cercetare/grupuri/bioactive/content/grants/ped2017.html>

Lista rezultate

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII / COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/EDITURA IN CARE A APARUT / CONFERINȚA LA CARE S-A COMUNICAT	ANUL PUBLICĂRII/ COMUNICĂRII
ARTICOLE ISI				
1	Mihasan, M.; Babii, C.; Aslebagh, R.; Channaveerappa, D.; Dupree, E.; Darie, C. C.	Proteomics based analysis of the nicotine catabolism in <i>Paenarthrobacter nicotivorans</i> pAO1	Scientific reports	2018
2	Roderich Brandsch, Mihășan Marius	A soil bacterial catabolic pathway on the move: transfer of nicotine catabolic genes between <i>Arthrobacter</i> genus megaplastids and invasion by mobile elements	Mobile DNA	2019, in evaluare
ARTICOLE ALTE BAZE DE DATE				
1	Mocanu, E.-M.; Mazarachi, A.-L., Mihasan, M.	In vitro stability and antioxidant potential of the neuroprotective metabolite 6-hydroxy-nicotine	Journal of Experimental and Molecular Biology	2018
n				
CAPITOLE - CARTI				
1	Hritcu L., Mihășan M.	6-Hydroxy-L-Nicotine and Memory Impairment	Neuroscience of Nicotine, Elsevier Inc.	2019
n				

COMUNICARI STIINTIFICE NATIONALE				
1	Mihășan M., Roderich B.	Molecular evolution and biotechnological applications of <i>Paenarthrobacter nicotinovorans</i> pAO1 megaplasmid	2nd Romanian Bioinformatics Seminar, Bucuresti, Romania	18/04/2018 - 19/04/2018
2	Ignat A., Mihășan M.	Adaptarea la cultivarea în condiții de bioreactor a microorganismului <i>Paenarthrobacter nicotinovorans</i> PAO1	Sesiunea Științifică Anuală a Studenților Naturaliști SSASN, Iasi, Romania, ISSN 0001-3072	25/05/2018
3	Boiangiu R.S., Andrei A., Mihășan M.	Gene pentru metabolizarea nicotinei în <i>Arthrobacter</i> : pAO1 VS AK-YN10	Conferinta Nationala a Scolilor Doctorale din Consorțiul Universitaria, Iasi, Romania	31/10/2018 - 03/11/2018
COMUNICARI STIINTIFICE INTERNATIONALE				
1	Mihasan, M.; Babii, C.; Aslebagh, R.; Channaveerappa, D.; Dupree, E.; Darie, C. C.	Proteomic analysis of nicotine response in <i>Paenarthrobacter nicotinovorans</i> pAO1	FEBS OPEN BIO Supplement: 43rd FEBS Congress, Biochemistry Forever, Prague, Czech Republic	07/07/2018 - 12/07/2018
2	Postu P.A., Lucian G., Petre A.B., Mihășan M., Jaures N., Cioanca O., Hritcu L.	<i>Lactuca capensis</i> mitigate cognitive dysfunction on A beta 1-42-induced a rat model of Alzheimer's disease through regulating BDNF mRNA and IL1 beta mRNA expression and antioxidant system activity	FEBS OPEN BIO Supplement: 43rd FEBS Congress, Biochemistry Forever, Prague, Czech Republic	07/07/2018 - 12/07/2018
3	Boiangiu R.S., Andrei A., Mihășan M.	Nicotine metabolic genes in <i>Arthrobacter</i> : pAO1 vs AK-YN10	FEBS OPEN BIO Supplement: 43rd FEBS Congress, Biochemistry Forever, Prague, Czech Republic	07/07/2018 - 12/07/2018
4	Babii C., Neagu A., Gostin A., Mihășan M., Mihai C., Barsa L., Marius S.	A novel synthetic flavonoid with potent antibacterial properties: in vitro activity and proposed mode of action	FEBS OPEN BIO Supplement: 43rd FEBS Congress, Biochemistry Forever, Prague, Czech Republic	07/07/2018 - 12/07/2018

			Republic	
5	Boiangiu R.S., Andrei A., Mihășan M.	Nicotine metabolic genes in Arthrobacter: PAO1 vs AK-YN10	The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology	05/09/2018 - 07/09/2018
6	Postu P.A., Ionita R., Cioanca O., Mihășan M., Hritcu L.	The neuroprotective effects of the volatile oil of Pinus halepensis in an A β (1-42)-induced Alzheimer's disease-like rat model	The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology	05/09/2018 - 07/09/2018
CERERI BREVET DE INVENTII/BREVET OBTINUT				
1	Marius Mihasan, Marius Stefan, Chiscari Carmen Mihaela, Paiu Andreea Mihaela, Cornelia Babii	Procedeu de obtinere a derivatului 6-hidroxi-(S)-nicotina	OSIM nr. A/01088	11.12.2018
ALTE rezultate				
1	Pagina web	http://www.bio.uaic.ro/cercetare/grupuri/bioactive/content/grants/ped2017.html		

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