

Anexa 2a

Titlu proiect: Structuri hibride inovatoare bazate pe enzime / oxizi nanostructurati 1D pentru cresterea fertilitatii solului prin accelerarea vitezei de biodegradare (acronim: BIONANOTUBENZ)

Categoria de proiect: PN-III-P2-2.1-PED-2016-1395

Contractul de finanțare: 9PED / 2017 (Nr. 9 / 03.01.2017)

Durata proiectului: 03.01.2017-30.06.2018

Director proiect: Anastasescu Mihai

Valoare: totala 600.000- ICF.-330.000lei

Lista rezultate

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII / COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/EDITURA IN CARE A APARUT / CONFERINTA LA CARE S-A COMUNICAT	ANUL PUBLICĂRII/ COMUNICĂRII
ARTICOLE ISI				
1	Simona Neagu, Roxana Cojoc, Mirela Enache, Oana Catalina Mocioiu, Aurica Precupas, Vlad Tudor Popa, Ioana Gomoiu, Madalin Enache	Biotransformation of Waste Glycerol from Biodiesel Industry in Carotenoids Compounds by Halophilic Microorganisms	Waste and Biomass Valorization, 2017 https://doi.org/10.1007/s12649-017-0040-9	2017
2	Mirela Enache, Ana Maria Toader, Victoria Neascu, Gabriela Ionita, Madalin Enache	Spectroscopic investigation of the interaction of the anticancer drug mitoxantrone with sodium taurodeoxycholate (NaTDC) and sodium taurocholate (NaTC) bile salts	Molecules, 22 (2017) 1079_18 pagini	2017
3	Simona Neagu, Silviu Preda, Maria Zaharescu, Masahiro Kamekura, Roxana Cojoc, Madalin Enache	The effect of titanate nanotubes towards moderately halophilic bacteria	Romanian Biotechnological Letters, 22(6), <i>in press</i> (scrisoare accept)	
4	Mirela Moldoveanu, Larisa Florescu, Roxana Cojoc, Simona Neagu, Ioan Păceșilă, Mădălin Enache	The novel records of biological composition related to environmental extremes conditions in natural salted Lake Letea	Aquatic Ecosystem Health & Management, <i>under review</i>	
n				
ARTICOLE ALTE BAZE DE DATE				
1				
n				
CARTI				
1				
n				
COMUNICARI ȘTIINȚIFICE NATIONALE				
1	Mirela Moldoveanu, Roxana Cojoc, Simona	Microorganisme prezente în	Preocupări recente în cercetarea, conservarea și valorificarea	2017

	Neagu, Larisa Florescu, Ioana Lucaci, Ioan Păceșilă, Ioana Gomoiu, Mădălin Enache	instalațiile piezometrice ale barajului Dridu (râul Ialomița)	patrimoniului cultural, ediția XII, Târgu Mureș, România, 28 – 30 iunie	
n				
COMUNICARI ȘTIINȚIFICE INTERNAȚIONALE				
1	Mădălin Enache, Roxana Cojoc, Simona Neagu, Ioana Gomoiu	Halophilic microorganisms from mural paintings in old Romanian historical monument church and their interactions with nanomaterials	15th World Congress on Biotechnology and Biotech Industries Meet, Roma, Italia, 20 – 21 martie	2017
2	Mădălin Enache, Simona Neagu, Roxana Cojoc, Ioana Gomoiu, Delia Ionela Dobre, Ancuța Roxana Trifoi	Extracellular Enzymes from Halophilic Bacteria with Potential in Agricultural Secondary Flow Recovery Products	ICAFBS 2017: 19th International Conference on Agricultural, Food and Biological Sciences, Roma, Italia, 18 - 19 Septembrie (<u>premiul pentru cea mai bună prezentare orală</u>)	2017
3	Crina Anastasescu, C. Munteanu, M. Anastasescu, C. Negrila, A. Rusu, V. Bratan, D. Culita, M. Zaharescu, I. Balint	Atypical light- harvesting and photoactive materials based on SiO ₂ with tubular morphology	16th E-MRS-Fall Meeting (European Materials Research Society), Warsaw, Poland, September 18-21	2017
4	S. Neagu, R. Cojoc, M. Enache, S. Preda, C. Anastasescu, J.M. Calderon-Moreno, A. Rusu, Mihai Anastasescu, M. Gartner, M. Zaharescu	Design and optimized synthesis of Titanate and Silica nanotubes for enzymes immobilization	16th E-MRS-Fall Meeting (European Materials Research Society), Warsaw, Poland, September 18-21	2017
5	Mădălin Enache, Simona Neagu, Roxana Cojoc, Mirela Enache, Oana Mocioiu, Aurica Precupaș, Vlad Tudor Popa, Ioana Gomoiu	Biotransformation of waste glycerol from biodiesel industry in phytoene and β- carotene by halophilic microorganisms	BioMicroWorld2017 - VII International Conference on Environmental, Industrial and Applied Microbiology, Madrid, Spania, 18 – 20 October	2017
6	Maria Zaharescu, L. Predoana, J. Pandelescu	Relevance of thermal analysis for sol-gel derived nanomaterials	19th International Sol Gel Conference, Liege Belgium, September 3-8	2017
7	Mădălin Enache, Roxana Cojoc, Simona Neagu, Ioana Gomoiu	A novel strain of moderately halophilic bacteria belonging to Garicola genera isolated from historical frescoes: the refectory of Hurezi Monastery	FEMS 2017, The 7th Congress of European Microbiologists, Valencia, Spania, 9-13 July	2017
8	Ioana Gomoiu, Dan Mohanu, Ileana Mohanu, Roxana Rădvan, Mădălin Enache, Simona Neagu, Ioana Maria Cortea, Roxana Cojoc, Marius Lungulescu, Roxana Trusca	Carotenoid - producing bacteria - a cause of mural painting biodegradation in some Romanian historical monasteries	FEMS 2017, The 7th Congress of European Microbiologists, Valencia, Spania, 9-13 July	2017
n				

ATLASE, DICTIONARE DE SPECIALITATE				
1				
n				
CERERI BREVET DE INVENTII/BREVET OBTINUT				
ALTE rezultate				
1				
n				

Lista achizițiilor realizate în cadrul proiectului

Denumire echipament	Categorie de achiziții: (numai mijloace fixe)	Valoarea (lei)	Locație
Spectrometru de fluorescența Cary Eclipse	Achiziție directă/2017	57922.94	Cam 135
Monitor Dell 27", UltraSharp, QHD, DisplayPort, HDMI, Negru, U2715H	Achiziție directă/2017	262.46	Cam 134

Responsabil proiect,

dr. Mihai Anastasescu
