

Concurs pentru ocuparea postului poz. 9 , de Conferentiar,
 DEPARTAMENTUL DE INGINERIE ORGANICA, BIOCHIMICA SI ALIMENTARA,
 FACULTATEA DE INGINERIE CHIMICA SI PROTECTIA MEDIULUI CRISTOFOR SIMIONESCU,
 Disciplinele: Enzimologie
 Microbiologie industriala si alimentara
 Biotehnologii in protectia mediului
 Domeniul Inginerie Chimica ,
 Post publicat în Monitorul Oficial al României nr. 1242 din 3.12.2021

LISTA DE LUCRĂRI

Candidat: BLAGA, C. Alexandra Cristina - Dr. din 2011, sef lucrari din 2013

1^o Teza de doctorat

T1. STUDIUL SEPARĂRII UNOR COMPUȘI NATURALI PRIN PERTRACȚIE

Ordin nr. 4387/20.06.2011, Universitatea Tehnica Gheorghe Asachi din Iași, domeniul Științe
 ingineresti/Inginerie chimica, conducator de doctorat: prof.univ.dr.ing. Dan Cașcaval

2^o Cărți/ cursuri/ manuale publicate în edituri recunoscute din țară sau din străinătate (Ca1, Ca2 etc.),
 îndrumare publicate/culegeri de probleme (I1, I2 etc.), sisteme de laborator funcționale etc. (D1, D2 etc.)
 cursuri proprii pe Web, sisteme e-learning etc. (W1, W2 etc.), după caz, precum și alte lucrări (M1, M2
 etc.) prin care se aduc contribuții la dezvoltarea activităților didactice/ profesionale.

		Punctaj
Ca	Capitol carte/ curs/ manual publicat în străinătate	
	Ca1 : Curteanu S., Dragoi E.N., Blaga A.C. , Galaction A.I., Cascaval D.- Neuroevolutionary algorithms applied for modelling some biochemical separation processes, <i>Artificial Neural Networks</i> , 2021, pp.115-138, volume 2190, Humana Press, Springer, ISBN: 978-1—0716-0825-8	(6*23/100)/ 5 = 0.276
	Ca2 : Belhacene K., Ungureanu I., Grosu E., Blaga A.C. , Dhulster P, Froidevaux R. - From a Sequential to a Continuous Approach for LVV-h7 Preparation during Enzymatic Proteolysis Proteolysis in a Microfluidic-Based Extraction Process, <i>Kinetics of Enzymatic Synthesis</i> , 2019, pp 95-111, IntechOpen, Lodon, UK, ISBN: 978-1-78985- 030-7	(6*16/100)/ 6 = 0.16
	Carte/ curs/ manual publicată în editură recunoscută CNCS (unic/ prim autor sau co-autor)	
	Ca3: Blaga A.C. , Tucaliuc A., Kloetzer L. – <i>Microorganisme: caracteristici si aplicatii</i> , Ed. Performantica, ISBN 978-606-685845-8 , 2021, 243 pg, 33 randuri/pg	(5*241/100/ 3) = 4.01
	Ca4: Suteu D., Blaga A.C. , <i>Biotehnologii in protectia mediului</i> , Editura Performantica, Iasi, 2013, ISBN 9786066 850711, 162 pg, 40 randuri/pg	(5*162/100) /2 = 4.05
	Capitol curs/ manual publicat în editură recunoscută CNCS	
	Ca5: D. Suteu, C. Zaharia, A.C. Blaga , Chap. 12, “ <i>The action of microorganisms from organic pollutants in water, air, soil</i> ”, in “Current topics, concepts and research priorities in environmental chemistry”, Vol.II, . Zaharia (Ed.), 2013, Editura Univ. A.I.Cuza, Iasi, Romania, ISBN 978-973-703-797-8 / 978-973-703-798-5 (259-274)- 15 pg	(15*3/100)/ 3 = 0.15
	Ca6: D. Suteu, C. Zaharia, A.C. Blaga , Chap. 10 “ <i>Biosorption – current bioprocess for wastewater treatment</i> ”, in “Current topics, concepts and research priorities in environmental chemistry”, Vol.I, Zaharia (Ed.), 2012, Editura Univ. A.I.Cuza, Iasi, Romania, ISBN 978-973-703-797-8 / 978-973-703-798-5 (221-244)- 23pg	(23*3/100)/ 3 = 0.23
	Ca7. Blaga AC , Cașcaval D. – <i>Separarea directa a produselor de biosinteza</i> , Biotehnologia, intre știința si arta, Ed. Venus, 31 pp: 95-126, 2007, ISBN 978-973- 756-052-0	(31*3/100)/ 2 = 0.465
I	Îndrumar/ culegere de probleme (publicat sau disponibil pe Web)	
	I1 Blaga A.C. , Kloetzer L., Tucaliuc A. – <i>Aplicatii ale enzimelor si microorganismelor in industria alimentara si biochimica</i> , Ed. Performantica, 2015, 196 pag, ISBN 978-606- 685-315-6	(4*196/100) /3 = 2.61

	I2 Suteu D., Blaga AC. - Biotehnologii în protecția mediului – elemente de teorie și aplicații, Ed. Performantica, Iasi, 2011, 98 pag, ISBN 978-973-730-867-2	(4*98/100)/ 2= 1.96
D	Sisteme de laborator funcționale	
	D1. Studiul cinetic al scindării lactozei sub acțiunea β -galactozidazei - Enzimologie	1.5
	D2. Îndepărtarea unor poluanți din ape uzate prin biosorpție utilizând microorganisme imobilizate prin microîncapsulare – Biotehnologii în protecția mediului	1.5
	D3. Obținerea inoculului de laborator pentru obținerea β -galactozidazei folosind <i>E. coli</i> ca microorganism producător – Microbiologie industrială	1.5
	Contribuție la dotarea laboratoarelor, în valoare echivalentă cu 500 Euro: 1. nisa flux laminar – Steril Helios MI 2754b – 3400 Euro 2. autoclav de laborator – BiobaseBKM-Z18N – 1700 Euro 3. balanta KERN ABJ-NM – 1041 Euro	3
W	Utilizarea sistemelor de predare/ învățare/ evaluare de tip e-learning/ on-line/ multimedia etc.	
	W1 Suport de studiu pentru laborator Enzimologie http://www.didactic.icpm.tuiasi.ro/cv/blagaalexandracristina/	1
	W1 Suport de studiu pentru laborator Microbiologie http://www.didactic.icpm.tuiasi.ro/cv/blagaalexandracristina/	1
	W2 Suport de prezentare ppt pentru disciplina Microbiologie industrială http://www.didactic.icpm.tuiasi.ro/cv/blagaalexandracristina/	1
	Total	24.411

3^o Cărți/ capitole cărți de specialitate publicate în edituri recunoscute din țară sau din străinătate (Cb1, Cb2 etc.), articole/ studii publicate în reviste din țară/ străinătate, cu factor de impact/ indexate în BDI/ neindexate în BDI (R1, R2 etc.), brevete de invenție (B1, B2 etc.), creații artistice prezentate la manifestări recunoscute din țară/ străinătate (A1, A2 etc.), articole/ studii publicate în volumele manifestărilor științifice naționale/ internaționale indexate BDI/ neindexate BDI (V1, V2 etc.), după caz, precum și alte lucrări (N1, N2 etc.) prin care se aduc **contribuții științifice la dezvoltarea domeniului.**

		Punctaj
R	Articol publicat în revistă cotate ISI, cu factor de impact	
	R1. Rusu, L.; Grigoraș, C.-G.; Simion, A.-I.; Suceveanu, E.-M.; Blaga, AC. ; Harja, M. Encapsulation of <i>Saccharomyces pastorianus</i> Residual Biomass in Calcium Alginate Matrix with Insights in Ethacridine Lactate Biosorption. <i>Polymers</i> 2022, 14, 170.	1
	R2. Suteu, D.; Blaga, AC. ; Cimpoesu, R.; Puițel, A.C.; Tataru-Farmus, R.-E.- Composites Based on Natural Polymers and Microbial Biomass for Biosorption of Brilliant Red HE-3B Reactive Dye from Aqueous Solutions. <i>Polymers</i> 2021, 13, 4314	1.2
	R3. Popescu, V.; Blaga, AC. ; Pruneanu, M.; Cristian, I.N.; Pîslaru, M.; Popescu, A.; Rotaru, V.; Crețescu, I.; Cașcaval, D. Green Chemistry in the Extraction of Natural Dyes from Colored Food Waste, for Dyeing Protein Textile Materials. <i>Polymers</i> 2021, 13, 3867.	0.66
	R4. Popescu, V.; Buciscanu, I.I.; Pruneanu, M.; Maier, S.S.; Danila, A.; Maier, V.; Pîslaru, M.; Rotaru, V.; Cristian, I.N.; Popescu, A.; Istrate, B.; Blaga, AC. ; Ciolacu, F.; Crețescu, I.; Chelariu, P.; Marin, M. Sustainable Functionalization of PAN to Improve Tinctorial Capacity. <i>Polymers</i> 2021, 13, 3665.	0.37
	R5. Blaga, AC. ; Zaharia C.; Suteu D. - <i>Polysaccharides as support for microbial biomass-based adsorbents with applications in removal of heavy metals and dyes</i> , <i>Polymers</i> 2021, 13, 2893	2
	R6. Lazar, RG; Blaga, AC. ; Dragoi, EN; Galaction, AI; Cascaval, D - <i>Application of reactive extraction for the separation of pseudomonic acids: Influencing factors, interfacial mechanism, and process modelling</i> , <i>Canadian Journal Of Chemical Engineering</i> , 2021	1.2
	R7. Galaction, AI; Blaga, AC. ; Tucaliuc, A; Kloetzer, L; Cascaval, D - <i>Modelling of ergosterol production by S. cerevisiae in presence of n-dodecane as oxygen-vector</i> , <i>Romanian Biotechnological Letters</i> , 26 (2), 2464-2470, 2021	1.2

R8. Lazar, RG; Blaga, AC ; Dragoi, EN; Galaction, AI; Cascaval, D - <i>Mechanism, influencing factors exploration and modelling on the reactive extraction of 2-ketogluconic acid in presence of a phase modifier</i> , Separation and Purification Technology, 255, 2021, 117740	1.2
R9. Horciu L.I., Zaharia C., Blaga A.C. , Rusu L., Suteu D. - <i>Brilliant Red HE-3B Dye Biosorption by Immobilized Residual Consortium Bacillus sp. Biomass: Fixed-Bed Column Studies</i> , Applied Science 2021, 11, 4498	1.2
R10. Estevinho, B. N.; Horciu R.; Blaga, A.C. , Rocha F. - <i>Development of Controlled Delivery Functional Systems by Microencapsulation of Different Extracts of Plants: Hypericum perforatum L., Salvia officinalis L. and Syzygium aromaticum</i> , Food and Bioprocess Technology, 2021	1.5
R11. Estevinho, B.N.; Lazar, R.; Blaga, A.C. ; Rocha F. - <i>Preliminary evaluation and studies on the preparation, characterization and in vitro release studies of different biopolymer microparticles for controlled release of folic acid</i> , Powder Technology, 369, 279-288, 2020	1.5
R12. Horciu, IL; Blaga, AC ; Rusu, L.; Zaharia C.; Suteu D. - <i>Biosorption of reactive dyes from aqueous media using the Bacillus sp. residual biomass</i> , Desalination And Water Treatment, 195, 353-360, 2020	1.2
R13. Ciobanu, CP; Blaga, A.C. ; Froidevaux, R., Krier F., Galaction A.I., Cascaval D. - <i>Enhanced growth and beta-galactosidase production on Escherichia coli using oxygen vectors</i> , 3 BIOTECH Volume: 10, 7,298, 2020	1
R14. Tucaliuc, A; Blaga, AC ; Galaction, AI; Cascaval, D - <i>Mupirocin: applications and production</i> , Biotechnology Letters, 41, 4-5, 495-502, 2019	1.5
R15. Bucurescu, A; Blaga, AC ; Estevinho, BN; Rocha, F. - <i>Microencapsulation of Curcumin by a Spray-Drying Technique Using Gum Arabic as Encapsulating Agent and Release Studies</i> , Food And Bioprocess Technology, 11 (10), 2018, 1795-1806	1.5
R16. Blaga, AC ; Cascaval, D.; Kloetzer, L; Tucaliuc, A; Galaction, AI - <i>Valorization Of Microalgal Biomass</i> , Environmental Engineering And Management Journal, 17 (4), 2018,841-854	1.2
R17. Blaga, AC ; Ciobanu, C; Cascaval, D; Galaction, AI - <i>Enhancement of ergosterol production by Saccharomyces cerevisiae in batch and fed-batch fermentation processes using n-dodecane as oxygen-vector</i> , Biochemical Engineering Journal, 131, 2018, 70-76	1.5
R18. Cascaval, D; Blaga, AC ; Galaction, AI - <i>Diffusional effects on anaerobic biodegradation of pyridine in a stationary basket bioreactor with immobilized Bacillus spp. cells</i> , Environmental Technology, 39 (2), 2018, 240-252	2
R19. Kloetzer, L; Bompă, AS; Blaga, AC ; Galaction, AI; Cascaval, D - <i>Study on rosmarinic acid separation by synergic extraction</i> , Separation Science And Technology, 53 (4), 2018, 645-654	1.2
R20. Matran, R.M., Galaction, A.I., Blaga, A.C. , Turnea, M., Cașcaval, D - <i>Distribution of Mixing Efficiency in a Split-Cylinder Gas-Lift Bioreactor with Immobilized Yarrowia Lipolytica Cells Used for Olive Oil Mill Wastewater Treatment</i> , Chemical Engineering Communications 2016, 203(5), 666-675	1.2
R21. Poștaru, M., Bompă, A.S., Galaction, A.I., Blaga, A.C. , Cașcaval, D - <i>Comparative study on pantothenic acid separation by reactive extraction with tri-n-octylamine and di-(2-ethylhexyl) phosphoric acid</i> , Chem. Biochem. Eng. Quart. 2016, 31(1), 81-92	1.2
R22. Estevinho, BN; Carlan, I ; Blaga, A.C. ; Rocha, F - <i>Soluble vitamins (vitamin B12 and vitamin C) microencapsulated with different biopolymers by a spray drying process</i> , Powder Technology, 289, 71-78	1.5
R23. Belhacene, K; Grosu, EF ; Blaga, AC ; Dhulster, P ; Pinteala, M; Froidevaux, R. - <i>Simple Eco-Friendly Beta-Galactosidase Immobilization On Functionalized Magnetic Particles For Lactose Hydrolysis</i> ; Environmental Engineering And Management Journal, 14, 3, 631-638, 2015	1
R24. Cașcaval, D., Matran, R.M., Turnea, M., Blaga, A.C. , Galaction, A.I.	1.2

	<i>Distribution of mixing efficiency in a split-cylinder gas-lift bioreactor for Yarrowia lipolytica suspensions</i> , Canadian J. Chemical Engineering 2015, 93(1), 18-28.	
	R25. Galaction, A.I., Blaga, A.C. , Matran, R.M., Cașcaval, D - <i>Effect of bed configuration of immobilized biocatalysts on Penicillin G hydrolysis efficiency</i> , Korean J. of Chemical Engineering 2015, 32(2), 216-221	1.5
	R26. Galaction, A.I., Blaga, A.C. , Ciobanu, C., Turnea, M., Cașcaval, D. - <i>Distribution of oxygen transfer rates in stirred bioreactor for different fermentation broths-oxygen-vectors dispersions</i> , Environmental Engineering and Management Journal 2015, 14(2), 433-447	1.2
	R27. Galaction, A.I., Postaru, M., Kloetzer, L., Blaga, A.C. , Dan Cașcaval, Separation of rosmarinic acid by facilitated pertraction, Food and Bioproducts Processing 2015, 94, 621-628	1.2
	R28. Matran, R.M., Blaga, A.C. , Cașcaval, D., Tucaliuc, A., Galaction, A.I. - <i>Comparative studies on kinetics of anaerobic and aerobic biodegradation of lipids from olive oil mill wastewaters with mixture of Bacillus spp. cells</i> , Environmental Engineering and Management Journal 2015, 14(3), 575-579	1.2
	R29. Cascaval, D., Matran, R. M., Turnea, M., Blaga, A.C. , Galaction, A.I.; <i>Distribution of Mixing Efficiency in A Split-Cylinder Gas-Lift Bioreactor for Yarrowia Lipolytica Suspensions</i> , Canadian Journal Of Chemical Engineering, 93 (1), 18-28, 2015	1.2
	R30. Galaction, A.-I.; Matran, R. M.; Turnea, M., Blaga, A.C. , Cascaval, D. - <i>Engineering Aspects of Penicillin G Transfer and Conversion to 6-Aminopenicillanic Acid in a Bioreactor with a Mobile Bed of Immobilized Penicillin Amidase</i> , Chemical Engineering Communications, 201 (12), 1568-1581, 2014	1.2
	R31. Carlescu, A.; Blaga, A.C. ; Galaction, A.- I., Turnea M., Cascaval D – <i>Interfacial Mass Transfer in the Reactive Extraction Process of Succinic Acid from Viscous Aqueous Solutions</i> , Separation Science And Technology, 49 (7), 974-980, 2014	1.2
	R32. Suteu, D.; Blaga, A.C. ; Diaconu, M., Malutan T. - <i>Biosorption of reactive dye from aqueous media using Saccharomyces cerevisiae biomass. Equilibrium and kinetic study</i> , Central European Journal Of Chemistry, 11 (12), 2048-2057, 2013	1.5
	R33. Matran, R. M.; Galaction, A.-I.; Blaga, A.C. ; Cascaval D.- <i>Green technology for 6-aminopenicillanic acid production - study of penicillin g hydrolysis in a bioreactor with mobile bed of immobilized penicillin amidase under substrate inhibition</i> , Environmental Engineering And Management Journal, 12 (11), 2261-2266, 2013	1.5
	R34. Kloetzer, L.; Postaru, M.; Galaction, A.-I.; Blaga A.C. , Cascaval D. - <i>Comparative study on rosmarinic acid separation by reactive extraction with Amberlite LA-2 and D2EHPA. 1. Interfacial Reaction Mechanism and Influencing Factors</i> , Industrial & Engineering Chemistry Research, 52 (38), 13785-13794, 2013	1.2
	R35. Folescu, E.; Blaga, A.C. - <i>Utilization of olive oil as a potential oxygen-vector in stirred bioreactors</i> , Environmental Engineering And Management Journal, 12 (3), 587-594, 2013	3
	R36. Cascaval, D.; Postaru, M.; Galaction, A.-I.; Blaga, A.C. - <i>Fractionation of Carboxylic Acids Mixture Obtained by P. acidipropionici Fermentation Using Pertraction with tri-n- Octylamine and 1-Octanol</i> - Industrial & Engineering Chemistry Research 52 (7), 2685-2692, 2013	1.5
	R37. Cașcaval D., Turnea M., Galaction A.I., Blaga, A.C. - <i>6-Aminopenicillanic acid production in stationary basket bioreactor with packed bed of immobilized penicillin amidase—Penicillin G mass transfer and consumption rate under internal diffusion limitation</i> , Biochemical Engineering Journal, 69, pp. 113-122, 2012	1.5

	R38. Postaru M., Turnea M., Galaction A.I., Kloetzer L., Blaga, A.C. , Vlysidis A., Webb C., Carlescu A., Cascaval D. - <i>Modeling of selective pertraction of carboxylic acids produced by Actinobacillus succinogenes fermentation</i> , Environmental Engineering And Management Journal 11 (11), pp 1901-1906, 2012	0.66
	R39. Blaga, A.C. , T. Malutan - Selective Separation of Vitamin C by Reactive Extraction, Journal Of Chemical Engineering Data, 57 (2), pp 431–435, 2012	3
	R40. Galaction, A.I., Blaga, A.C. , Dan Cașcaval - Study on facilitated pertraction of folic acid in pseudosteady-state regime, Separation Science And Technology, 46 (6), 912-919, 2011.	2
	R41. Kloetzer, L., Blaga, A.C. , Galaction, A.I.; Cascaval D. - <i>Separation of p-aminobenzoic acid using liquid membrane in presence of phase modifier</i> . Journal Of Biotechnology, 150, p. S398, 2010	1.5
	R42. Blaga, A.C. , Galaction, A.I., Cașcaval D. - <i>Reactive extraction of 2-keto-gluconic acid. Mechanism and influencing factors</i> , Romanian Biotechnological Letters, 15 (3), 5253-5259, 2010	2
	R43. Sze Ki Carol Lin, Chenyu Du, Blaga, A.C. , Maria Camarut, Colin Webb, Christian V. Stevens, Wim Soetaert - <i>Novel resin-based vacuum distillation-crystallisation method for recovery of succinic acid crystals from fermentation broths</i> , Green Chemistry, 12, 666-671, 2010	0.857
	R44. Blaga, A.C. , Galaction AI, Cascaval D - <i>Separation of Amino Acids from Their Mixture by Facilitated Pertraction with D2EHPA</i> , Chemical And Biochemical Engineering Quarterly, 22(4), 439-446, 2008	2
	R45. Galaction AI, Nicuta N, Blaga, A.C. , Cascaval D - <i>Selective separation of gentamicins by reactive extraction 1. Study on the extraction process</i> , Romanian Biotechnological Letters, 12 (1) 3065-3071, 2007	1.5
	R46. Cascaval D, Galaction AI, Blaga, A.C. – <i>Photobioreactors</i> , Romanian Biotechnological Letters, 12(5), 3377-3388, 2007	2
	R47. Blaga, A.C. , Galaction AI, Cascaval D - <i>Extraction and transport of basic amino acids through liquid membranes</i> , Revista De Chimie, 58, (11), 1080-1084, 2007	2
	R48. Cascaval D, Galaction AI, Nicuta N, Blaga, A.C. - <i>Selective separation of gentamicins from the biosynthetic mixture by reactive extraction</i> , Separation And Purification Technology, 57(2), 264-269, 2007	1.5
	R49. Cascaval D, Blaga, A.C. , Camarut M, Galaction AI - <i>Comparative study on reactive extraction of nicotinic acid with Amberlite LA-2 and D2EHPA</i> , Separation Science And Technology, 42(2), 389-401, 2007	1.5
	Articol publicat în revistă indexată în baze de date internaționale (BDI)	
	R46. Petrila L.-M., Blaga A.C. , Francois K. - <i>A Review On The Optimization Of Lipopeptides Production</i> , Buletinul Institutului Politehnic Din Iași, 66 (70), 2020	1
	R46. Horciu, I.L. Blaga, A.C. , Zaharia, C., Dascălu, S., Șuteu D. - <i>Valorization Of Residual Biomass As Biosorbent: Study Of Biosorption Brilliant Red Dye From Aqueous Media</i> , Buletinul Institutului Politehnic Din Iași, 65 (69), 1, 2019	0.6
B	Brevet de invenție acordat în țară	
	B1. Cascaval D; Galaction A I; Blaga A C. - <i>Process for separating cinnamic acid from an aqueous solution obtained by chemical synthesis or biosynthesis</i> (RO127015-A2)	1.33
	B2. Cascaval D., Galaction A.I., Kloetzer L., Blaga A.C. - <i>Procedeu de separare a benzilmetilaminei</i> (130964/2020)	1
	B3. Cascaval D., Galaction A.I., Postaru M., Blaga A.C. - <i>Procedeu de separare a acetofenonei</i> (00130975/2020)	1
	B4. Cascaval D., Galaction A.I., Blaga A.C. - <i>Procedeu de separare a acidului pantotenic</i> (00131311/2020)	1.33
	Total	75.907

4. Proiecte de cercetare-dezvoltare (P1, P2 etc.) pe bază de contract/ grant, precum și alte lucrări de cercetare-dezvoltare (F1, F2 etc.), după caz, prin care se aduc contribuții la dezvoltarea mediului educațional/ cultural/ economic/ social etc.

P	Proiecte/ Contracte/ Granturi de cercetare-dezvoltare câștigate prin competiție internațională	Punctaj
	P1. Separation of some vegetal and microbial compounds by non-conventional techniques - reactive extraction and facilitated pertraction, 2007-2008 (CNCSIS-TD) – Director de proiect, valoare 50000 lei, contribuție 100% 2007- 23000/41408.0 – 0.55 2008 – 27000/107860.0 – 0.25	24
	P2. Obținerea de materiale cu valoare adăugată prin valorificarea subproduselor industriale (AddValueMat), PN-III-P2-2.1-PED-2019-1063, Contract: 490/2020, 2020-2022, (director de proiect Prof. dr. habil. ing. Daniela Șuteu), membru în colectiv, contribuție 10% 2020: 82913/106413 – 0.07 2021: 258089/106413 – 0.24 Deoarece valoarea pentru anul 2021 nu este disponibilă la începutul anului s-a luat în calcul valoarea pentru anul 2020	9.3
	P3. Sisteme hibride fermentație / reacție enzimatică – pertracție sinergică pentru producția de compusi chimici cu aplicații farmaceutice, cosmetice și alimentare PN-III-P4-ID-PCE-2016-0100 (director de proiect Prof.dr.ing. Dan Cașcaval), membru în colectiv, contribuție 10% 2018: 273065/73260 – 0.37 2019: 305126/87040 – 0.35	21.6
	P4. Microscale downstream processing toolbox for screening and process development (MICROTOOLS) Contract ERA-IB nr. 6-002/2013 (2013 – 2015), (director de proiect Prof.dr.ing. Dan Cașcaval), membru în colectiv, contribuție 10% 2013: 437000/247925 – 0.17 2014: 207000/113898 – 0.18 2015: 276000/171178 – 0.16	15.3
	P5. Advanced separation of biosynthetic compounds by facilitated and synergetic pertraction, PCE - IDEI PN-II-ID-PCE-2011-3-0088, contract nr. 207/5.10.2011, (director de proiect Prof.dr.ing. Dan Cașcaval), membru în colectiv, contribuție 10% 2011: 142600/ 102539.8 – 0.13 2012: 569250/140987 - 0.4 2013: 203012.86/247925 – 0.08	18.3
	P6. Dezvoltarea unor biocatalizatori noi pentru obținerea economică a unor sintoni chirali (SYNBIOCAT), PN-II-PT-PCCA-2011-3.1-1268, contract nr. 124/2012 (responsabil partener Tulași Prof. dr. ing. Dan Cașcaval), membru în colectiv, contribuție 10% 2013: 180000/247925 – 0.07 2014: 140000/113898 – 0.12 2015: 81174/171178 – 0.04 2016: 148826/175968 – 0.08	9.3
	P7. Separarea avansată prin pertracție (extracție prin membrane lichide) a compusilor de biosinteză cu utilizări medicale, alimentare și cosmetice - prioritate în contextul actual al biotehnologiei albe, PN II IDEI 57/2007, cod 317 (director de proiect Prof.dr.ing. Dan Cașcaval), contribuție 10% 2007: 50.000/41408.0 – 0.12 2008: 294154.13/107860.0 – 0.27 2009: 189000/118282.2 – 0.15 2010: 147200/117096.6 – 0.12	19.8
	Total	117.6

Data: 17.01.2022

Candidat,
S.I.dr.ing. Alexandra Cristina Blaga