

# Conf.dr.ing. Cosmin M. Cotrut

## Lista Lucrari

### Articole în revistă cotate ISI Thomson Reuters

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2.	Antoniac I., Miculescu F., <b>Cosmin M Cotrut</b> , Fikai A., Rau J.V., Grosu E., Antoniac A., Tecu C., Cristescu I., <i>Controlling the Degradation Rate of Biodegradable Mg-Zn-Mn Alloys for Orthopedic Applications by Electrophoretic Deposition of Hydroxyapatite Coating</i> , <i>Materials</i> , <b>2020</b> , Vol. 13, Iss. 2., Article Number 263; <b>F.I.</b> <sub>2020</sub> = <b>2.972</b> ; DOI: 10.3390/ma13020263; Document Type: Article; Proceedings Paper; Research Areas: Materials Science; Web of Science Categories: Materials Science, Multidisciplinary <b>WOS:000515499900010</b> ; <b>Q2</b>
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## Granturi/proiectecâstigateprincompetiție

	<b>Programul/Proiectul</b>	<b>Funcția</b>	<b>Perioada</b>	<b>Durata (ani)</b>	<b>Buget UPB (RON)</b>
<b>Proiecte internaționale</b>					
1.	HORIZON 2020, ERA NET RusPlus, <b>Contract nr. 43/2016</b> , PNCDI III, <i>Fabrication and investigation of new hybrid scaffolds with the controlled porous hierarchy for bone tissue engineering</i> - INTELBIOCOMP, derulat prin UPB	Director proiect	2016-2017	2	<b>458.996</b>
<b>Proiecte naționale</b>					
2.	Parteneriate-UEFISCDI, <b>Contract nr. 175/2012</b> - <i>Straturi subțiri biocompatibile pentru îmbunătățirea aderenței ceramică-metal în restaurările dentare</i> - Coat4Dent, derulat prin UPB	Director proiect	2012-2016	4,5	<b>954.000</b>
3.	Responsabil Partener Proiect Component 5 - „Cresterea biocompatibilitatii si a osteointegrării implanturilor metalice prin acoperiri si sisteme de aerosoli – SOLION” - Proiect component Pr.5 in cadrul <b>PCCDI 60/2018</b> - "Obținerea și expertizarea unor noi materiale biocompatibile pentru aplicații medicale" – MedicalMetMat, UEFISCDI, 2018, Universitatea Tehnica "Gh. Asachi" Iasi, Universitatea Tehnica "Gh. Asachi" Iasi, Universitatea de Medicina si Farmacie"Gr.T. Popa" Iasi, Universitatea "Dunarea de Jos" Galati, Universitatea Politehnica din Bucuresti, Institutul National de Cercetare-Dezvoltare pentru Optoelectronica INOE 2000	Responsabil Partener Proiect Component 5	2018-2021	2,66	<b>100.000</b>
4.	Parteneriate-UEFISCDI, <b>Contract nr. 212/2014</b> - <i>Acoperiri multifuncționale pentru implanturi solicitate mecanic realizate dintr-un aliaj nou pe bază de titan</i> - OSSEOPROMOTE, derulat prin UPB	Responsabil de proiect	2014-2016	2	<b>200.000</b>