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| --- | --- | --- | --- |
| **NR. Crt.** | **Program/Proiect** | **Function** | **Period:**  from... to... |
|  | **PN-III-P2-2.1-PED-2017\_127 „Structuri poroase biomimetice obținute prin printare 3D pentru ingineria țesutului osos (acronim BIOGRAFTPRINT)** | **Responsabil**  **UPB** | **2017-2018** |
|  | **PN-III-P2-2.1-PTE-2016-0146; Novel nanostructured polymeric composite designed for pallet lining, connecting plate and other components for the railway industry; Role: Researcher/ Responsible of UPB;** | **Cercetator** | **2016-2018** |
|  | **PN-III-P2-2.1-PTE-2016-0156; Harnessing recycled thermoplastic polymers by reinforcement with functionalized natural fibers to obtain new added-value products; Rol: Researcher** | **Responsabil**  **UPB** | **20196-2018** |
|  | **PN-III-P2-2.1-PTE-2016-0177; Composite hydrogels based on inorganic nanoparticles and collagen with prolonged antimicrobial activity designed for the infection prevention of wound;** | **Cercetator** | **2016-2018** |
|  | **Era Net Rus Plus project, „Titanium Oxynitride Coatings for the Improvement of Biocompatibility and Long-Term Functionality of Cardiovascular Stents: Development of Novel Deposition Technology- TIOXTECH-BIO”;** | **Cercetator** | **2015-2018** |
|  | **MANUNET ERA-NET Project; "*Multiphase elasto-plastic architectures dynamically vulcanized and reinforced with nanoparticles for specific products used in food and pharmaceutical industries - ARHNANOTPV*"** | **Cercetator** | **2015-2016** |
|  | **PNCDI II – Partnership: Ligaments reconstruction by using advanced materials based on synthetic and natural polymers / Reconstrucţia ligamentelor utilizand materiale structurate avansate pe baza de polimeri sintetici si naturali;** | **Cercetator** | **2014-2016** |
|  | **PNCDI II – Partnership: Inovative dental products with multiple applications/ Produse inovative de uz dentar cu aplicatii multiple – LavEndo; Ctr. Nr. PN-II-PT-PCCA-2013-4-0891;** | **Cercetator** | **2014-2016** |
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|  | **ADER 8.1.4 - Integrated tracking and control systems of animal and non-animal food to identify potential carcinogenic risk factors in relation to environmental, farm, processing, transport, consumption / Sisteme integrate de trasabilitate şi control ale unor alimente de origine animală şi nonanimală pentru identificarea unor factori de risc potenţial cancerigeni în relaţia mediu, fermă, procesare, transport, consum; Ctr. Nr. 67/ADER 8.1.4;** | **Cercetator** | **2013-2014** |
|  | **PNCDI II – Partnership: Novel nanostructured prosthetic tubular devices with antibacterial and antibiofilm properties induced by physico-chemical and morphological changes – AntiBioTube; Ctr. Nr.43\_094;** | **Cercetator** | **2012-20106** |
|  | **PNCDI II – Partnership: Hybrid composite materials with thermoplastic matrices doped with fibres and disperse nano fillings for materials with special purposes – HybridMat; Ctr. Nr.73-168; Role: Project manager** | **Director de Proiect** | **2012-2015** |
|  | **PNCDI II – CAPACITATI (Modulul II) Perspective Studies „Nanoprospect”** | **Cercetator** | **2010-2011** |
|  | **PNCDI II – CNMP/Multifunctional nanobio-composites used as DDS and regenerative support – SIMAC 72\_198** | **Cercetator** | **2008–2011** |
|  | **Project PN II\_MC – New inorganic materials based on phosphazene and their applications** | **Project**  **manager** | **2007** |
|  | **PNCDI II – CNMP / The achievement of new biomaterials with collagenic, supramolecular dopped structures with piezoelectical, liquid crystals, electrical and magnetical properties used for biotehnology 71\_147** | **Cercetator** | **2007–2010** |
|  | **PNCDI II – CNMP / New topical pharmaceuticals based on complexes of chlorhexidine with metal ions of Zn, Cu and Ag with antimicrobial and antiparasitic activity** | **Cercetator** | **2007–2010** |
|  | **PN II\_TD – Phosphazene based new inorganic materials and their applications** | **Project**  **manager** | **2007-2008** |
|  | **PN II\_AT – Nanostructured inorganic matrices based on immobilized crown ethers for selective extraction of ion pairs.** | **Cercetator** | **2007–2008** |
|  | **PNCDI II – CNMP / Phenothiazinic hybrids - heterocycles containing nitrogen and sulfur atoms with potential pharmacological effects** | **Cercetator** | **2006-2008** |
|  | **PNCDI II - Parteneriship/CO2 trapping from fossil fuel combustion** | **Cercetator** | **2006-2008** |
|  | **P-CD CEEX / Combinatorial library for the synthesis of neutral receptors of inorganic anions; from project to potential applications** | **Cercetator** | **2006–2008** |
|  | **PNCDI I, CERES Project type PED/ Hybrid membranar materials with polyphosphazenic backbone** | **Cercetator** | **2002-2004** |

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