

Current running projects

2017 | Nanoparticle-enabled Terahertz Molecular Imaging as Advanced Early-stage Diagnostic Method of Gastric Neoplasia | PPN-III-P2-2.1-PED-2016-1598

2017 | Systemic and renal hemodynamic mechanisms in obesity-related kidney injury | PN-III-P4-ID-PCE-2016-0126

Past projects

2014 | Advanced research-development center in experimental medicine – CEMEX | 635/12.03.2014, cod SMISCSNR 48880

2012 | Chemo hyperthermal Delivery - Combined chemohyperthermal control of hepatic tumors, based on microwave-activated subendothelial-targeted magnetic nano-assemblies (CheTherDel) (2012 – 2014)

2011 | Development of biosensors by innovative technology of electrocoating the carbon structures with active polymers (CarBioSense) | MANUNET ERA NET nr. 7-038/13.05.2011

2010 | Advanced, CrossDisciplinary & Integrated Medical Imaging for all Europeans through a Network of Regional Clusters and Development Strategies | FP7 AMI4EUROPE

2008 | Experimental researches on local therapy of chronic inflammatory pain with analgesics released from hydrogel supports | CNCSIS 2561/2008,

2008 | Industry research contract | Fiterman Pharma, 43 / 12.05.2008

2008 | Studies regarding the optimization of analgesic efficiency of opioid peptides and peptidomimetics by coupling with transporting nanoparticles and by investigation of periferic nociception modulation | CNCSIS 1734/ 2008

2007 | Neurobiological research on the action of some trace elements in the modulation of nociception at central and peripheral level | CNCSIS TD cod 421/2007.

2006 | New nanostructured systems used for the controlled release of pharmacological agents | CEEEX nr. 108/09.10.2006

2006 | Pharmacological and clinical physical research platform on mechanisms of non-oncological and oncological pain | CNCSIS nr. 68/2006

2005 | Molecular, cellular and integrative mechanisms of pain. Clinical implications (MMD) | CEEEX nr 31/2005

2005 | New multifunctional nanoparticles based on mesoporous clay, with multidisciplinary applications (Nano-Agmam) | CEEEX nr 926/2005

2004 | Physio-pharmacological research on the influence of radical species and other pharmacological agents on nociceptive sensitivity and analgesia | VIASAN nr. 327/2004

2004 | Neurobiological research on the action of some pharmacological agents in the modulation of nociception at the specific receptor level | CNCSIS nr. 1227/2004

2003 | Alternative methods to work on laboratory animals | INTERNICHE 2003

2001 | Experimental research on the anti-inflammatory and analgesic action of the pharmacological product indomethacin ointment 4% after topical administration | UMF Iasi – SC Hyperion SA , 2001.

2000 | Development of a center for study and therapy of pain | CNCSIS nr. 40607 din 27.09.2000

1999 | Complex program for the implementation of algeziology in Romanian university and postgraduate education | CNFIS nr. 41896 / 4.11.1999

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- ✓ Stanciu G.D., Armaşu M, Musteaţă M, Solcan G., 2016, *Arquivo Brasileiro de Medicina Veterinária e Zootecnia*, v.68, n.6, p1422-1430.
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- ✓ Iordache, M.L.; Dodi, G.; Hritcu, D.; Draganescu, D.; Chiscan, O.; Popa, M.I., 2015, *Arabian Journal of Chemistry* (in press).
- ✓ R. Ardeleanu, A.I. Dascalu, A. Neamtu, D. Peptanariu, C.M. Uritu et. al, *Polym Chem*, 2017, DOI: 10.1039/C7PY01256J
- ✓ A.I. Dascalu, R. Ardeleanu, A. Neamtu, S.S. Maier, C. M. Uritu et. al., *J Mater Chem B*, 2017, 5, 7164.
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- ✓ Ababei D. C., Beschea-Chiriacs S., Bild W., Solcan C., Luca A., Rusul R.N., Buleal D., Bild V., *Farmacia*, Sept 2017 (accepted)
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- ✓ Alexa T., Luca A., Dondaş A., Bohotin C.R., *Exp Ther Med*. 2015 Apr; 9(4):1465-1469.