

Publications, 2016

Narcisa-Laura Marangoci, Lacramioara Popovici, Elena-Laura Ursu, Ramona Danac, Lilia Clima, Corneliu Cojocaru, Adina Coroaba, Andrei Neamtu, Ionel Mangalagiu, Mariana Pinteala and Alexandru Rotaru*. Pyridyl-indolizine derivatives as DNA binders and pH-sensitive fluorescent dyes. *Tetrahedron*, (2016), 50, 8215–8222.

<http://dx.doi.org/10.1016/j.tet.2016.10.052>

Elena-Laura Ursu, Florica Doroftei, Dragos Peptanariu, Mariana Pinteala and Alexandru Rotaru*. DNA-Assisted Decoration of Single-Walled Carbon Nanotubes with Gold Nanoparticles for Applications in Surface Enhanced Raman Scattering Imaging of Cells. *J Nanopart Res.*, (2016), sent for publication (NANO-D-16-02002).

International meetings, 2016

G. Pricope, D. Peptanariu, A. Rotaru, M. Pinteala and M. Barboiu. Flexible Guanosine-Based Hydrogels for Biomedical Applications. *12th International Conference on Colloid and Surface Chemistry (ICCSC)*, 16.05. – 18.05. 2016, Iasi, Romania.

E. L. Ursu and A. Rotaru. DNA–gold nanoparticle–single-walled carbon nanotubes hybrids for biomedical applications, *XIIIth French-Romanian Polymer Meeting*, 05.09. – 07.09.2016, Sophia Antipolis, France.

N. L. Marangoci and A. Rotaru. Fluorescence behaviour and DNA binding affinity studies of new pyridyl-indolizine derivatives. *XXXIV-th Romanian Chemistry Conference*, 04.10. – 07.10.2016, Calimanesti-Caciulata, Valcea, Romania.

A. Dascalu, E-L. Ursu, F. Doroftei, N. Marangoci and A. Rotaru. DNA assisted functionalization of gold nanoparticles with cyclodextrin moiety. “*Alexandru Ioan Cuza*” *University Days*, 27.10. – 28.10.2016, Iasi, Romania.

L. Popovici, N.-L. Marangoci, R. Danac, C. Cojocaru, I. Mangalagiu, A. Rotaru. Pyridyl-indolizine derivatives as DNA binders and pH-sensible fluorescent dyes. “*Alexandru Ioan Cuza*” *University Days*, 27.10. – 28.10.2016, Iasi, Romania.