

- [1]. **Topology rules electron hole delocalization in G-quadruplexes**, L. Martinez-Fernandez, A. Banyasz, D. Markovitsi, I. Improta, *Chem. Eur. J.* 2018, doi.org/10.1002/chem.201803222.
- [2]. **Absorption of Low-Energy UV Radiation by Human Telomere G-Quadruplexes Generates Long-Lived Guanine Radical Cations**, A. Banyasz, L. Martinez-Fernandez, C. Balty, M. Perron, T. Douki, R. Improta, D. Markovitsi, *J. Am. Chem. Soc.* 2017, 139, 10561-10568.
- [3]. **Ultrafast electron transfer in the complexes of Doxorubicin with human telomeric G-quadruplexes and GC duplexes probed by femtosecond fluorescence spectroscopy**, P. Changenet-Barret, T. Gustavsson, D. Markovitsi, I. Manet, *ChemPhysChem* 2016, 17, 1-10.
- [4]. **Electronic excitations in guanine quadruplexes**, P. Changenet-Barret, Y. Hua, D. Markovitsi, *Top. Curr. Chem.* 2015, 356, 183–202.
- [5]. **Electronic excitations in G-quadruplexes formed by the human telomeric sequence: a time-resolved fluorescence study**, P. Changenet-Barret, Y. Hua, T. Gustavsson, D. Markovitsi, *Photochem. Photobiol.* 2015, 91, 759–765.
- [6]. **The effect of size on the optical properties of guanine nanostructures: a femtosecond to nanosecond study**, Y. Hua, P. Changenet-Barret, T. Gustavsson, D. Markovitsi, *Phys. Chem. Chem. Phys.* 2013, 15, 7396-7402.
- [7]. **Cation Effect on the Electronic Excited States of Guanine Nanostructures Studied by Time-Resolved Fluorescence Spectroscopy**, Y. Hua, P. Changenet-Barret, R. Improta, I. Vayá, T. Gustavsson, A. B. Kotlyar, D. Zikich, P. Šket, J. Plavec, D. Markovitsi, *J. Phys. Chem. C* 2012, 116, 14682–14689.
- [8]. **Excited states and energy transfer in G-quadruplexes**, F. A. Miannay, A. Banyasz, T. Gustavsson, D. Markovitsi, *J. Phys. Chem. C* 2009, 113, 11760-11765.
- [9]. **Cooperative effects in the photophysical properties of self-associated triguanosine diphosphates**, D. Markovitsi, T. Gustavsson, A. Sharonov, *Photochem. Photobiol.* 2004, 79, 526-530.