

# Curriculum vitae

## **Mirna Didović, M. Sc.**

(Born March 15, 1983, Bjelovar, Croatia)

### **Present position**

Junior researcher at the Department of Chemistry and Biochemistry, School of Medicine, University of Rijeka, Croatia and member of Centre for Micro and Nano Sciences and Technologies.

### **Relevant experience**

Polymer-based nanocomposites: phase orientation, microstructure, crystallization, molecular dynamics, mechanical and thermal properties by X-ray diffraction, NMR, ESR, DSC and TEM.

### **List of recent publications**

1. Štefanić G.; Didović M.; Musić S. (2007): The influence of thermal treatment on the phase development of ZrO<sub>2</sub>-NiO precursors. *J. Molec. Struct.* **834** 435-444.
2. Didović M.; Klepac D.; Valić S. (2008): ESR - Spin Probe Method in Studying Natural Rubber: an Effect of the Probe Incorporation Temperature. *Macromolec. Symp.* **265** 144-147.
3. John J.; Klepac D.; Didović M.; Sandesh C. J.; Liu Y.; Raju K. V. S. N.; Pius A.; Valić S.; Thomas S. (2010): Main chain segmental dynamics of semi interpenetrating polymer networks based on polyisoprene and poly(methyl methacrylate), *Polymer* **51** 2390-2402.