

Title: Associate Professor

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A short narrative biography

Katarina Nikolic has graduated in 1998 at the Faculty of Pharmacy, University of Belgrade and defended her master's thesis in the field of molecular spectroscopy in 2001 at Faculty of Physical Chemistry, University of Belgrade. Her PhD project, in field of drug discovery, was defended in 2007 at Faculty of Pharmacy, University of Belgrade, Serbia. Since 2007 she is working at Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Belgrade.

The main areas of her research work include: molecular modeling, 3D-QSAR and pharmacophore analysis, computer-aided drug design, molecular docking, virtual screening, molecular dynamics, *in vitro/in silico* ADMET screening, development of new analytical methods and chemometrics. The research work is focused on the discovery and study of new antineoplastics and CNS drugs.