

List of KNOW Research Projects 2016

	Supervisor	Project title
1.	Prof. dr hab. Małgorzata Barańska (baranska@chemia.uj.edu.pl)	Biomedical chemistry: Spectroscopic and stereochemical study of peptides and model systems
2.	Prof. dr Tadeusz Holak (holak@chemia.uj.edu.pl)	The design and testing of small molecule inhibitors of protein-protein interactions for anti-cancer therapies
3.	Prof. dr hab. Jacek Korchowiec (korchow@chemia.uj.edu.pl)	Molecular Modeling of selected systems of biomedical importance
5.	Prof. dr hab. Artur Michalak (michalak@chemia.uj.edu.pl)	Theoretical Modeling of the Electronic Structure and Properties of Polymeric Membranes for Fuel-Cell Applications
4.	Prof. dr hab. Maria Nowakowska (nowakows@chemia.uj.edu.pl)	Biocompatible polymeric hydrogels – synthesis, physicochemical and structural properties
6.	Dr hab. Robert Podgajny (podgajny@chemia.uj.edu.pl)	Design and synthesis of nanosized molecular magnets on the base of discrete multimetallic complexes
7.	Prof. dr hab. Zbigniew Sojka (sojka@chemia.uj.edu.pl)	Nanostructured oxide catalysts with tunable redox properties
9.	Prof. dr hab. Grażyna Stochel (stochel@chemia.uj.edu.pl)	The biological activity mechanisms of metal nanoparticles and their compounds
8.	Dr hab. Grzegorz Sulka, prof. UJ (sulka@chemia.uj.edu.pl)	Electrochemical deposition of functional semiconductor nanowires
10.	Prof. dr hab. M. Wójcik (wojcik@chemia.uj.edu.pl)	Spectroscopy of hydrogen bond