



**UNIVERSITY OF CHEMICAL TECHNOLOGY AND  
METALLURGY**

1756 Sofia, 8 St. "Kliment Ohridski" Blvd.

**DEPARTMENT OF ORGANIC CHEMISTRY**

**HORIZON 2020**

**MARIE SKŁODOWSKA-CURIE ACTIONS – ITN/ RISE  
PARTNER SEARCH FORM**

<b>Organization Name/ Department/ Website</b>	University of Chemical Technology and Metallurgy, Department of Organic Chemistry <a href="http://dl.uctm.edu/en/">http://dl.uctm.edu/en/</a>
<b>Organization Short Name</b>	UCTM
<b>Organization Type</b>	Academic
<b>Research Fields</b>	Chemistry (CHE) Life Sciences (LIF)
<b>Sub-Fields/ Keywords</b>	Design and synthesis of bioactive compounds as potential drugs
<b>Marie Skłodowska-Curie Action(s) of interest?</b>	European Training Networks (ITN-ETN)
<b>Short Description of the Organization/ Department</b>	Department of Organic Chemistry at the University of Chemical Technology and Metallurgy, the department is specialized in synthesis, purification and analysis of peptide mimetics with expected biological activity
<b>Previous Related Projects/ Research Experience</b>	Aminophosphonic acids- Design, synthesis and biological activity National Science Fund supported by Ministry of education and science: BYX-15/2005 2005-2008 Synthesis and biological activity of new nociceptin analogues as potential analgesic drugs National Science Fund supported by Ministry of education and science: DTK_02/61 /2009 2009-2012 Synthesis of new conformationally constrained $\alpha$ -aminophosphonic acids as potential biologically active compounds National Science Fund supported by Ministry of education and science:DPOSTDOC 02_3/2009 2009-2012
<b>Short Description of the Project idea</b>	The <b>main objective</b> of this ITN-ETN-Proposal is to train PhD-students capable to carry out all the stages of Drug Discovery-target selection, study of the structure and particularities of the selected target, design and synthesis of new molecules and their biological testing
<b>Related MSCA Call</b>	H2020-MSCA-ITN-2017
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