

<b>Program</b>	<b>Program NUCLEU PN 16 25 03 06</b>
<b>Project title (ENG):</b>	<b>Advanced control solutions of granular sludge biological processes in order to improve the wastewater treatment process</b>
<b>Project title (RO):</b>	<b>Solutii avansate de control a proceselor biologice cu namol granular pentru imbunatatirea tehnologiilor de epurare</b>
<b>Duration</b>	2016-2017
<b>Team Leader</b>	Ioana Ionescu
<b>Summary</b> (short description) ENG	Development of biotechnological solutions for wastewater treatment using aerobic granular sludge and understanding the physico-chemical and microbiological influence of the aerobic granules over the treatment performances.
<b>Summary</b> (short description) RO	Elaborarea unor solutii biotehnologice de epurare a apelor uzate utilizand sistemul cu namol activ aerob granular si studierea influentei caracteristicilor fizico-chimice si microbiologice ale granulelor asupra performantelor de epurare.
<b>Dissemination of results</b>	
PhD Thesis – Title RO, ENG	Epurarea apelor uzate cu namol granular aerob, Ioana Ionescu, 2015  Wastewater treatment using aerobic granular sludge
Conferences (platform, poster, abstract / full-paper	<b>Ionescu, Ioana Alexandra;</b> Bumbac, Costel; Lazar, Mihai Nita; Aerobic granular sludge - Microbial and morphological characterization ; European Biotechnology Conference, Latvia, 05-07 mai, 2016 (poster)  Bumbac C., <b>Ionescu I.</b> , Tiron O, <i>Aerobic granular sludge reactor start-up: focusing on microbial diversity and granule morphology</i> , IWA 8th Eastern European Young Water Professionals Conference, Gdansk, 12 – 14 mai, 2016 (poster)