

Program	Program NUCLEU PN PN 09-13 01 15
Project title (ENG):	Rapid analysis methods of chemical oxygen demand by coupling oxidation reaction with luminol chemiluminescence system
Project title (RO):	Metode de analiza rapida a consumului chimic de oxigen prin cuplarea reactiei de oxidare cu sistemul chemiluminiscent luminol
Duration	2014-2015
Team Leader	Ionut CRISTEA
Summary (short description) ENG	The experiments which were performed in the frame of the project led to establishing of analytical method for global organic load determination (COD) based on analysis with injection flow and chemiluminescence detection. The method offers fast determination method of COD leading to the improvement of analysis processes efficiency.
Summary (short description) RO	Experimentele realizate in cadrul proiectului au condus la realizarea unei metode analitice de determinare a incarcarii organice globale (CCO) prin analiza cu injectie in flux cu detectie prin chemiluminiscenta. Metoda ofera determinari rapide ale CCO care conduc la eficientizarea proceselor de analiza pentru un numar mare de probe.