



Personal information

First name(s) / Surname(s) **DONCEA SANDA MARIA**
E-mail sandamariadoncea@gmail.com
Nationality Romanian
Date of birth 26.08.1960
Gender female

Work experience

Dates	February 2001 - present date
Occupation or position held	Research scientist level II
Main activities and responsibilities	Fourier transform infrared spectroscopy analysis, FTIR, UV-VIS spectroscopy analysis, high performance chromatographic liquid chromatography, HPLC, with DAD and SEC, elemental analysis, AE, thermal analysis, TGA and DSC, thin layer chromatography, TLC , Classical chemical analyzes, CCA. Member of Testing Laboratories of Physical and Chemical Properties of Waste, Water Analysis, Hazardous Substances and Preparations. Implementation of the Quality System according to SR EN ISO 17025: 2001 and SR EN ISO 17025: 2005 in the Testing Laboratories for Water Analysis, Hazardous Chemical Substances and Preparations and Testing of Physical and Chemical Properties of Wasts.
Name and address of employer	ICECHIM Bucharest, spl. Independentei 202, sect. 6, Bucharest
Type of business or sector	Research & Development in Chemistry and Petrochemistry
Dates	January 1995 - February 2001
Occupation or position held	Scientific researcher level III
Main activities and responsibilities	Elemental Analysis, and Thin Lair Chromatography Analysis
Name and address of employer	ICECHIM Bucharest, spl. Independentei 202, sect. 6, Bucharest
Type of business or sector	Research & Development in Chemical Industry
Dates	June 1993 - January 1995
Occupation or position held	Scientific researcher
Main activities and responsibilities	Elemental Analysis, and Thin Lair Chromatography Analysis
Name and address of employer	ICECHIM Bucharest, spl. Independentei 202, sect. 6, Bucharest
Type of business or sector	Research & Development in Chemical Industry
Dates	May 1988 - June 1993
Occupation or position held	Scientific researcher
Main activities and responsibilities	Physic-Chemical Analysis for Cardiovascular drugs
Name and address of employer	ICCF Bucharest, calea Vitan nr.112, sect. 3, Bucharest
Type of business or sector	Research & Development in Drugs Industry
Dates	September 1986 - May 1988
Occupation or position held	Chemist Engineer
Main activities and responsibilities	Physic-Chemical Analysis for Aminoacids and Sulphamides
Name and address of employer	ICCF Bucharest, calea Vitan nr.112, sect. 3, Bucharest

Type of business or sector | Research & Development in Drugs Industry

Dates | October 1984 - September 1986

Occupation or position held | Chemist Engineer

Main activities and responsibilities | Physic-Chemical Analysis for raw materials and cosmetics

Name and address of employer | ICP Miraj, str. Racari nr.5, sect. 3, Bucharest

Type of business or sector | Cosmetics and Fragrance production

Education and training

Dates | 2015- present date

Title of qualification awarded | PhD in Materials Engineering

Principal subjects/occupational skills covered | Nanomaterials and nanotechnologies

Name and type of organisation providing education and training | University Valahia of Targoviste – Materials engineering, mechatronics and robotics faculty

Dates | October 1979 – July 1984

Title of qualification awarded | Chemist engineer

Principal subjects/occupational skills covered | Organic chemistry, Petro-chemistry, Catalyzing

Name and type of organisation providing education and training | Institutul Politehnic Bucuresti, Chemical Technology Faculty

Personal skills and competences

Mother tongue(s) | **Romanian**

Other language(s) | **English, Russian**

Self-assessment
European level (*)

English

Russian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Very good	Very good	Very good	Very good	Very good
Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences | Good relationships with co-workers and superiors, acquired while working in a very good team, at the working places

Organisational skills and competences | Very good coordination of the physic-chemical analysis activities of the Dangerous Chemical Substances Laboratory's personnel
Very good coordination in the area of science projects
Implementation capacity of SR EN ISO 17025:2005 regarding to the competences of the testing laboratories.

Technical skills and competences	<p>Analytical research by Liquid Chromatography Analysis, FTIR Analysis, Thin Layer Chromatography Analysis Elemental Analysis, Thermal Analysis techniques, Analysis and Conservations Methods for Historical Paper.</p> <p>Analytical research by FTIR spectroscopy, UV-VIS spectroscopy, liquid chromatographic techniques, HPLC and TLC, elemental analysis, AE, thermal analysis, TGA and DSC, in historical paper analyzes and in preservation methods.</p> <p>2005 RENAR training course – Practical solutions for uncertainty measurement assessment</p> <p>2006 RENAR training course “Quality management in testing laboratories according to SR EN ISO/CEI 17025:2005</p> <p>2008 ICECHIM training course “European Legislation and national harmonized legislation concerning hazardous chemical substances”</p>
Computer skills and competences	Very good use of computer (Microsoft Office, Internet, specific programs – Origin)
Other skills and competences	Participation at the elaboration of science projects
Additional information	<p>Membership of professional associations:</p> <p>- Romanian Chemistry Society (SChR)</p>