

Oksana Sizhuk

Quality Management Consultant with validAID
Brueder-Grimm-Str. 26a

35039 Marburg

phone: +49 17624221869

eMail: oksana.sizhuk@validAID.de



Curriculum vitae

Career Profile

Dr.-Ing. in Chemistry with core specialization in synthesis and characterization of polymers and polymer materials. Great expertise in filtration technology, membrane development, water treatment methods, chemical synthesis, surface modification and characterization.

In addition to my core areas of expertise, I have strong presentation and interpersonal skills.

Personal

Date of Birth	05.07.1985
Place of Birth	Pidgorodne, Ukraine
Personal Status	married

Education

2017	Ph.D. in Chemistry (Doctor-Ingenieur) Friedrich-Alexander University Erlangen-Nürnberg, Germany
2012	Master of Science in Chemistry Goethe University, Frankfurt am Main, Germany
2008	German University prep-course (DSH-Studienkolleg) Goethe University, Frankfurt am Main, Germany
2006	Bachelor of Science in Chemistry National University of „Kyiv–Mohyla Academy“, Kiev, Ukraine
2002	Abitur Lyzeum-Internat, Nowowolyns'k Ukraine

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Professional Experience

2020 - today	Quality Management Consultant validAID, Marburg
2017 - 2019	Staying abroad and Volunteering
2012 - 2017	Researcher PhD Student Merck KGaA, Darmstadt & Friedrich-Alexander University Erlangen-Nürnberg <ul style="list-style-type: none">- Development of thin film composite membranes for gas separation- Planning and execution of laboratory experiments- Concept preparation and construction of membrane gas separations pilot plants- Coordination and cooperation with project management teams
2011 - 2012	Master Thesis Merck KGaA, Darmstadt <ul style="list-style-type: none">- Development of new membranes with ionic liquids for butanol separation
2011	Research Internship Merck KGaA, Darmstadt <ul style="list-style-type: none">- Preparation and characterization of reverse osmosis seawater desalination membranes
2011	Research Internship Goethe-University Frankfurt <ul style="list-style-type: none">- Co-crystallization, polymorph analysis and structural x-ray determination of pharmaceutical components
2010	Research Internship MICRODYN-NADIR GmbH, Wiesbaden <ul style="list-style-type: none">- Modification and characterization of polysulfone and polyethersulfone membranes- Development of a new catalog product
2009 - 2010 2008 - 2009	Teaching Assistant for "Chemistry for Medical Scientists" Seminar Goethe-University Frankfurt <ul style="list-style-type: none">- Support in experimental setup- Organization and ongoing supervision in the laboratory- Assistance in test-preparation

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2009	Research Internship Goethe-University Frankfurt <ul style="list-style-type: none">- Development of Chromium(VI)-free defect etching solutions for application on silicon substrates
2003 - 2006	Research Internship National University of „Kyiv–Mohyla Academy“, Kiev, Ukraine <ul style="list-style-type: none">- Preparation, modification and analysis of synthetic membranes

Extra-Professional Training & Committee Work

2019 - 2020

UNI for LIFE / UNIVERSITÄT GRAZ

- Project management
- Leadership

Udemy

- Agile Fundamentals: Including Scrum and Kanban

Language Skills

German	Fluent
English	Fluent
Russian	Fluent
Ukrainian	Mother tongue