

# DIANA HUBERTO VÁ MSc.

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## CONTACT DETAILS

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Date of birth: 27. 10. 1987

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## SKILLS

**MS Windows** - Skillful

**Microsoft Word** - Advanced

**Microsoft PowerPoint** - Advanced

**Microsoft Excel** - Skillful

**ChemDraw** - Advanced

**HyperChem** - Advanced

**MestreNova** - Advanced

## LANGUAGES

**Slovak** - Proficiency (C2)

**English** - Upper intermediate (B2)

**German** - Intermediate (B1)

## INTERESTS OR HOBBIES

Education and chemistry research, tutoring chemistry and related subjects, traveling.

## DRIVING LICENSE

B

## ADDITIONAL INFORMATION

Member of the Slovak Chemical Society.

## WORK EXPERIENCE

### RESEARCH ASSISTANT

Institute of molecular biology, SAS / NOVEMBER 2022 - CURRENTLY

Solving subtasks of science and technology development related to grant projects at the Department of Microbial Genetics under expert guidance. Coordination of professional work in the laboratory.

### SYNTHETIC CHEMIST

TAU-CHEM, s.r.o. (valid until: 1.4.2019), BIOSYNTH s. r. o / Bratislava, Slovak Republic / NOVEMBER 2013 - AUGUST 2014

Research, development and production of specialty chemicals using multi-step organic synthesis. Management, control and operation of chemical and chemical technology equipment. Keeping laboratory records and documentation. Evaluation of results from HPLC and NMR spectroscopy.

## EDUCATION

### FACULTY OF PHARMACY

Pharmaceutical chemistry/PhD.

Comenius University in Bratislava / Bratislava, Slovak Republic / September 2014 - August 2015

Assistant of laboratory exercises in pharmaceutical chemistry, researcher of the project with the support of the Grant of Comenius University no. UK/196/2015 Synthesis and spectral characterization of *N*-arylpiperazine compounds with potential antimicrobial activity. English language examination.

### FACULTY OF NATURAL SCIENCES

Organic and Bio-organic chemistry/M.Sc.

Comenius University in Bratislava / Bratislava, Slovak Republic / September 2011 - June 2013

DT: Elaboration of dibenzocarbazole units incorporation to potential hole conductive materials for OLED. Synthesis of new derivatives, spectral characterisation using NMR, IR, MS measurements. Purification by using column chromatography and FLASH chromatography on reverse phase. State examination subjects - organic chemistry, structure and reactivity of organic compounds and catalysis in organic chemistry.

## **FACULTY OF NATURAL SCIENCES**

Chemistry/Organic chemistry/B.Sc.

Comenius University / Bratislava, Slovak Republic / September 2007 - August 2011

BT: Organic light-emitting diodes (OLED). Synthesis of new tetraphenyl-naphthalenediamine derivatives, spectral characterisation using NMR and elemental analysis. State examination subjects - chemistry and spectral methods in chemistry.

## **SECONDARY TECHNICAL SCHOOL IN TISOVEC**

TIS-chemistry

Rimavská Sobota - Tisovec, Slovak Republic / 2003 - 2007

Successful solver of chemistry olympiad in categories C, Dz, and F. Participation in 28th year of the national SPA show in department chemistry, food industry. Completion of training - Experimental Chemistry Workshop on Faculty of Natural Sciences Comenius University in Bratislava. Graduation exam and mathematics as voluntary subject.

## **COURSE OR CERTIFICATE**

### **COMENIUS UNIVERSITY IN BRATISLAVA, FACULTY OF NATURAL SCIENCES, BRATISLAVA EXPERIMENTAL CHEMISTRY WORKSHOP AS PART OF THE PROJECT: "INNOVATIVE APPROACHES IN MOTIVATING YOUNG PEOPLE TO STUDY SCIENCE DISCIPLINES"**

Ministry of Education of the Slovak Republic, Central Commission of SPA / September 2006 - September 2006

Synthesis of organic compounds with therapeutic, anesthetic and disinfection effect. Synthesis of aromas and isolation of essential oils and substances from natural materials, cryoscopic determination of molecular weight, confirmation of chemical structure by NMR.

### **28TH YEAR OF THE NATIONAL SPA SHOW**

Ministry of Education of the Slovak Republic, Central Commission of SPA, / April 2006 - April 2006

Participation in department no. 03 - Chemistry, food industry

### **42ND YEAR OF THE REPUBLIC ROUND OF THE CHEMISTRY OLYMPIAD IN F CATEGORY**

Ministry of Education of the Slovak Republic, Slovak Commission of the Chemical Olympiad Iuventa, Svit / February 2006 - March 2006

successful solver

### **40TH YEAR OF THE REGIONAL ROUND OF THE CHEMISTRY OLYMPIAD IN C CATEGORY**

Regional Commission of the Chemistry Olympiad, Banská Bystrica / May 2004 - May 2004

successful solver

### **39TH YEAR OF THE REGIONAL ROUND OF THE CHEMISTRY OLYMPIAD IN DZ CATEGORY**

Regional Commission of the Chemistry Olympiad, Banská Bystrica / April 2003 - April 2003

successful solver