

Curriculum Vitae

Personal information

First name / Surname **Robert Bernat**
Address A. Šenoe 43, 10290 Zaprešić
Telephone(s) Mobile +385917924171
E-mail(s) bernat.robert@gmail.com
Nationality Croatian
Date of birth 04/04/1982
Gender Male



Work experience

Dates 01/07/2009 -
Occupation or position held Expert assistant
Main activities and responsibilities Occupational safety and health, organization of medical examinations of employees, reporting injuries, waste chemicals management, dosimetry control of professionals and environment, testing of X-ray, CT devices and other open and closed sources of ionizing radiation, radioactive waste management, monitoring of radioactive contamination
Name and address of employer Ruđer Bošković Institute, Bijenička cesta 54, 10000 Zagreb
Type of business or sector Occupational safety and health
Occupation or position held Researcher
Main activities and responsibilities Chemical modifications of hyaluronic acid.
Planning of synthesis, synthetic work, purification and analysis of products (Dialysis, Gel Chromatography, Column Chromatography, Thin Layer Chromatography, FT-IR, NMR, UV/VIS, GPC)
Name and address of employer CPN spol. s.r.o., Dolni Dobrouc 401, 56102 Dolni Dobrouc, Czech Republic
Type of business or sector Research, biotechnology, pharmaceuticals, cosmetics, polymer science
Dates 01/11/2005 - 30/09/2006
Occupation or position held Computer operator
Main activities and responsibilities Responsible for computers (hardware and software) in the internet cafe. Customers help service.
Name and address of employer Ergonet d.o.o., Badaliceva 26C, 10000 Zagreb, Croatia
Type of business or sector Computers
Dates 01/09/2002 - 05/02/2005
Occupation or position held Call agent
Main activities and responsibilities Customer care service
Name and address of employer T - Com, Bani bb, 10020 Zagreb, Croatia
Type of business or sector Telecommunications

Education and training

Dates 01/10/2000 - 27/03/2007
Title of qualification awarded Chemiae ingeniarius diplomate probatus; Master of Science equivalent
Principal subjects / occupational skills covered Thesis Title: "Analysis of Constituents of Blackberry Bush (Rubus Fruticosus) by Classic and Spectrometric Methods"

Name and type of organisation providing education and training

University of Zagreb, Faculty of Science, 10000 Zagreb, Croatia

Dates

03/04/2006 - 24/11/2006

Principal subjects / occupational skills covered

Synthesis of Selected Adamantane Derivatives; thin layer chromatography, column chromatography, GS-MS, IR, NMR

Name and type of organisation providing education and training

Tomas Bata University in Zlin, Faculty of Technology, Department of Chemistry, Zlin, Czech Republic

Dates

10/01/2005 - 31/07/2005

Principal subjects / occupational skills covered

Synthesis of selected active pharmaceutical substance for ^{99m}Tc isotope labelling as an agent used in oncological diagnostics; HPLC, thin layer chromatography

Name and type of organisation providing education and training

Radioisotope Centre POLATOM, 05-400 Otwock-Swierk, Poland

Personal skills and competences

Mother tongue(s)

Croatian

Other language(s)

Self-assessment

European level (*)

English

Czech

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
Cambridge ESOL FCE certificate holder									
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	A2	Basic user

(*) Common European Framework of Reference (CEF) level

Social skills and competences

- Team work: I have worked in various types of teams from research teams to national league water-polo
- Mediating skills: I worked on the borders between young people, youth trainers, youth policy and researchers
- Intercultural skills: I'm experienced at working in a European dimension

Organisational skills and competences

During my studying I was member of the organisation team of XV. SIS World Congress on breast diseases

Computer skills and competences

Competent with Microsoft Office programmes and chemistry software (Chem Sketch, IRsolution, MestReC, CrossFire Beilstein), some experience in programming (Turbo Pascal, Visual Basic), knowing Windows OS, DOS and Mac OS as well as some graphic programmes such as Corel Paint Shop Pro and Adobe Photoshop;

Driving licence

B category

Additional information**Conferences:**

New Approaches in Modifications of Bioactive Compounds, („Vývoj přípravků pro tkáňové inženýrství“, Litomyšl, 5th of March 2008)
Hyaluronan and Biomedicine; Synthesis and Analysis of New Hydrogels; together with Mgr. Lukáš Palek (“1. výroční setkání řešitelů projektů klastru Nanomedic”, Špindlerův Mlýn, 12th and 13th of June 2008.)
“*New Derivatives of Hyaluronic Acid: HA – Ceramide Analogues*“, (“Deriváty hyaluronanu a dalších biopolymerů, tkáňové inženýrství a vlákna z biopolymerů“, Jablonné nad Orlicí, 11th of March 2009.)

Courses and training:

Toxicology Course, Zagreb, Croatia, 2.11. – 03.11.2009
Dosimetry training course, Erlangen, Germany, 27.10. – 29.10.2009
Summer school: Protection of Humans and their Environment against Ionising Radiation, Bad Honnef, Germany, 09.05. – 21.05.2010
International training course on Management of Radioactive Waste in accordance with IAEA Safety Standards and International Best Practice, Clausthal, Germany, 5.09. – 25.10.2010.
Regional Workshop on Safety of Radioactive Waste Management, Karlsruhe, Germany, 29.11. – 03.12.2010
Winter school: Radiation Protection of Medical Staff, Prague, Czech R., 07.02. – 11.02.2011

SPORTS

Cycling, running

INTERESTS

Photography