

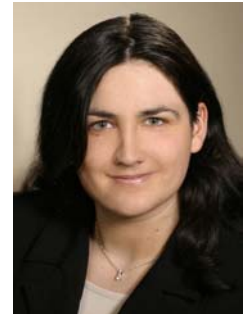
Corinna Kirilova

Nationality: Bulgaria

Date of birth: 14.08.1985

Gender: Female

Portfolio: Regarded to be responsible, hard-working and punctual



Education

- 09/2004 to date **International University Bremen (IUB) – Bremen, Germany**
Pursuing a B.Sc. in Biochemistry and Cell Biology. Graduation expected in May 2007.
- 09/1999 - 06/2004 **First English Language School – Sofia, Bulgaria**
Graduated as top of the class for outstanding academic performance in Biology, English and German.

Practical Experience

- 01/2006 to date **IUB, Biochemistry Department of Prof. Albert Jeltsch – Bremen, Germany**
Lab Assistant – responsible for the maintenance of a biochemical laboratory
Methods: autoclaving and cleaning of laboratory equipment, media preparation.
- 06/2005 - 07/2005 **Bulgarian Academy of Sciences, Molecular Biology Department – Sofia, Bulgaria**
Intern in the group of Prof. Ivan Ivanov and Dr. Roumiana Mironova.
Research field on the nonenzymatic glycosylation of DNA in prokaryotes.
Methods: Acquired skills in PCR, fluorescent spectrophotometry, SDS-PAGE, plasmid isolation, ELISA, growing of bacterial cultures, etc.

Laboratory Experience

- 09/2005 - 05/2006 **IUB, Advanced Biochemistry and Cell Biology Lab Courses (I+II) - Bremen, Germany**
Methods: Western blotting and immuno detection; Enzyme isolation, activity assay and kinetics; Identification of an unknown bacterial organism – Gram staining, light microscopy, biochemical assay, antibiotics assays, growth kinetics of *E.coli* culture, PCR, 16S rRNA sequencing and sequence analysis; Vital stains and fluorescent microscopy; Cell culture and transfections; Silver stain; Genetics and Biophysics labs.
- 09/2004 - 05/2005 **IUB, Introductory Biochemistry and Cell Biology / Biochemical Engineering Lab Courses (I+II) - Bremen, Germany**
Methods: DNA, RNA and protein isolation and purification; Yeast proliferation assay; Agarose gel electrophoresis; Bradford protein assay; SDS-PAGE; Transformation of *E.coli*; Thin-layer chromatography; Solid-state fermentation; Purification of proteins in aqueous two-phase systems; Affinity, gel filtration and ion-exchange chromatography.

09/2004 - 05/2005 **IUB, Introductory Chemistry Lab Courses (I+II) - Bremen, Germany**
Methods: Synthetic inorganic and organic chemistry: acid-base chemistry, redox titration, manganometry, gravimetric analysis (precipitation reactions), iodometric determination of Cu(II) ions, distillation and crystallization.

Theoretical Background at IUB

Detailed course description is available at: <http://www.iu-bremen.de/schools/ses/programs/undergraduate/bccb/courses/>

09/2005 - 06/2006 **Second-year Courses**

Advanced Biochemistry and Molecular Biology I+II (Nelson et al, *Lehninger Principles of Biochemistry*)
Advanced Cell Biology I+II (Alberts et al, *Molecular Biology of the Cell*; Bear et al., *Neuroscience: Exploring the Brain*; Sompayrac, *How the Immune System Works*)
Microbiology (Madigan et al, *Brock Biology of Microorganisms*)
Advanced Organic Chemistry I (Solomons and Fryhle, *Organic Chemistry*, chapters 11-19)
Ecophysiology and Molecular Genetics (Buchanan et al., *Biochemistry and Molecular Biology of Plants*)

09/2004 - 05/2005 **First-year Courses**

General Biochemistry and Cell Biology I+II (Horton et al, *Principles of Biochemistry*)
General Biochemical Engineering (Brown, *Gene Cloning and DNA Analysis: An Introduction*)
General Organic Chemistry (Solomons and Fryhle, *Organic Chemistry*, chapters 1-10)
General Inorganic Chemistry (Jones and Atkins, *Chemistry: Molecules, Matter and Change*)
General Biology I (Campbell et al, *Biology*)
Engineering and Science Mathematics I+II (Edwards et al, *Calculus and Analytic Geometry*)

Scholarships and Certificates

05/2004 to date **International University Bremen – Bremen, Germany**
 Received a merit based scholarship for the whole period of studies

05/2003 to date **Center “Michelle-M”, Vocational Education and Training – Sofia, Bulgaria**
 Certified English Language Tourist Guide

09/1999 - 05/2004 **First English Language School – Sofia, Bulgaria**
 Received a monthly scholarship for excellent performance

Soft Skills

Computer Literacy: Proficient in Microsoft Office; familiar with SPDBViewer

Languages: **Bulgarian:** mother tongue **German:** basic knowledge
English: fluent **Macedonian:** working knowledge

Activities and Interests

Active in volleyball and keen on science and traveling