

Curriculum Vitae

SVJETLANA CVJETAN, PhD student

PERSONAL DATA:

Identity number of scientists: 290684

Address: Brusje bb,
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Croatia
Tel: +385 98 9738759
E-mail: scvjetan@irb.hr

Date of Birth: Semptember 27th 1975.
Citizenship: Born in Split, Croatia

WORK EXPERIENCE:

Ruđer Bošković Institute, IRB, Zagreb

PhD student (junior researcher), currently working on the project "Molecular mechanisms of DNA recombination and repair ", from the Croatian Ministry of Science, Education and Sports (098-0982913-2862), under scientific direction of Davor Zahradka, PhD, research associate and supervision of Ksenija Zahradka, PhD, research associate. Research programme: DNA repair in bacterium *Deinococcus radiodurans* highly resistant to radiation and desiccation

December 2006 – present

Mediterranean Institute For Life Sciences, MedILS, Split, Croatia

Collaborator on the project Molecular basis of intrinsic aging and its prevention, under scientific direction of Miroslav Radman, Academic, and Anita Kriško, PhD, research associate

October 2007 – present

Necker Institute, INSERM U 574, Paris Cedex 15, France

Intern student on the research programme "Cellular localization of nephrocyte-3 and its influence on cell adhesion and proliferation", under scientific direction of prof.dr.sc. Corinne Antignac.

Nov 2004 - Aug 2005

Institute for Anthropological Research, Zagreb, Croatia

Participation on the project "Population structure of Croatia – biomedical approach", from the Croatian Ministry of Science, Education and Sports (0196001) and the project "Population structure of Croatia – anthropogenetic approach", from the Croatian Ministry of Science, Education and Sports (0196005), under scientific direction of Academic Pavao Rudan.

May 2003

April 2004

Estonian Biocentre, Tartu, Estonia

Participation on the project "Human genetic diversity among the extant European population", under scientific direction of Academic Richard Villems.

Sep – Dec 2001

Sep – Dec 2003

EDUCATION:

PhD in Biology

Faculty of Science, University of Zagreb, Croatia
Post-graduate study in Biology

2004/05- present

Diploma in Agriculture

Faculty of Agriculture, University of Zagreb (Croatia)
Thesis title: "Morphology and genetic variability analysis of some cypress".
(Work done on Department of Plant Breeding, Genetics and Biometrics under supervision of Docent Ivan Pejić)

Sep 1993 – Jan 2000

PUBLICATIONS:

Journal articles and review articles in CC journals :

Repar Jelena, **Cvjetan Svjetlana**, Slade Dea, Radman Miroslav, Zahradka Davor, Zahradka Ksenija. RecA protein assures fidelity of DNA repair and genome stability in *Deinococcus radiodurans*, *DNA repair* , 9 (2010) 11;1151-1161.

Cvjetan Svjetlana, Helle-Viivi Tolk, Lovorka Barac Lauc, Ivana Colak, Dobrivoje Dordevic, Ljudmila Efremovska, Branka Janjicijevic, Ante Kvesic, Irena Martinovic Klaric, Ene Metspalu, Marijana Pericic, Juri Parik, Dan Popovic, Ana Sijacki, Rifet Terzic, Richard Villems and Pavao Rudan. Frequencies of mt DNA Haplogroups in Southeastern Europe-Croatians, Bosnians and Herzegovinians, Serbians, Macedonians and Macedonians Romani, *Collegium Antropologicum*, 28 (2004) 1; 193-198.

Scientific papers in other journals:

Svjetlana Cvjetan, Davorin Kajba, Nikola Pavicic, Ivan Pejic. Genetic analysis of old cypress from Hvar Cupressus sempervirens var. horizontalis (Mill.) Gord. *Journal of the Forestry Society of Croatia* 5/6 (2000); 279-284.

ABSTRACTS IN BOOK OF ABSTRACTS:

Karmin, M; Baldovič, M; Jeran, Nina; **Cvjetan, Svjetlana**; Reidla, M; Šarić, Tena; Šarac, Jelena; Cenanović, M; Leskovac, A; Marjanović, Damir; Havaš Auguštin Dubravka; Ficek, A; Chaubey, G; Rootsi, S; Ferak, V; Rudan, Pavao; Metspalu, E; Behar, DM; Villems R. The Genetic Canvas of European Roma // *The 60th Annual Meeting of the American Society of Human Genetics*. Washington, SAD : American Society of Human Genetics, 2010. (abstract).

Karmin, Monika; Jeran, Nina; Baldovič, Marian; Reidla, Maere; **Cvjetan, Svjetlana**; Šarić, Tena; Šarac, Jelena; Havaš Auguštin, Dubravka; Chaubey, Gyaneshwer; Metspalu, Ene; Rudan, Pavao; Villems, Richard. From India to Europe – the Maternal Lineages of the Croatian Roma // *Human Variation: Cause and Consequence, EMBO/EMBL Symposium* / Abecasis, G, Birney, E., Peltonen, L., Wilkie, A., editor(s). Heidelberg, Germany : EMBL Advanced Training Centre, 2010. (abstract).

Repar, Jelena; **Cvjetan, Svjetlana**; Zahradka, Davor; Radman, Miroslav; Zahradka, Ksenija. Popravak DNA i stabilnost genoma u bakteriji *Deinococcus radiodurans* // *50 godina molekularne biologije u Hrvatskoj - Zbornik sažetaka* / Zahradka, Ksenija ; Plohl, Miroslav ; Ambriović-Ristov, Andreja, editor(s). Zagreb : Institut Ruđer Bošković, 2008. 32-32 (abstract).

Tolk, Helle-Viivi; Metspalu, Ene; Gusar, Vladislava; Reidla, Maere; Balanovsky, Oleg; Bermisheva, Marina; Malyarchuk, Boris; Golubenko, Maria; Peričić, Marijana; Barać, Lovorka; **Cvjetan, Svjetlana**; Tambets, Kristiina; Grechanina, Elena; Derenko, Miroslava; Stepanov, Vadim; Khusnutdinova, Elza; Churnosov, Mikhail; Pocheshkova, Elvira; Balanovska, Elena; Komel, Rado; Ferak, Vladimir; VILLEMS, Richard; Rudan, Pavao.
The mitochondrial DNA phylogeography of the Slavonic peoples // 13th Congress of the European Anthropological Association: Abstracts / Maver, Hubert; Rudan, Pavao (ur.). Zagreb: Hrvatsko antropološko društvo, *Collegium Antropologicum* (vol. 26, Suppl.), 2002., 211 (abstract)

POSTER PRESENTATIONS AT INTERNATIONAL CONFERENCES:

The 60th Annual Meeting of the American Society of Human Genetics. "The Genetic Canvas of European Roma". 2010, Washington, USA.

EMBO/EMBL Symposium, Human Variation: Cause and Consequenc. "From India to Europe – the Maternal Lineages of the Croatian Roma". 2010, EMBL Advanced Training Centre, Heidelberg, Germany.

7th Croatian Biological Congress "Analiza morfološke i genetske varijabilnosti nekih čempres". 2000, Hvar, Croatia.

OTHER CONFERENCES:

50 godina molekularne biologije u Hrvatskoj. "Protein RecA osigurava preciznost popravka DNA i stabilnost genoma u bakteriji *Deinococcus radiodurans*" (abstract). 2008, Zagreb, Croatia.

INTERNATIONAL COURSES:

29th International Scientific Educational Course Anthropology and Health. "New Challenges for Molecular Anthropology and Genetics", 2009., Dubrovnik, Croatia.

Medils Summer School. "Surviving Death" an interdisciplinary approach Workshop, 2007., Split, Croatia.

Medils Summer School. "Creating Interdisciplinary Research projects", 2006., Split, Croatia.

32nd School of Biological Anthropology "Biological cultural and environmental linkages: current research and future trends?", 2006., Zagreb/Hvar, Croatia.

31st School of biological anthropology "Emerging Era of High Throughput in Population Genetics", 2005 ., Zagreb / Hvar, Croatia.

30th School of biological anthropology "Molecular genetics in the study of human evolution and diversity", 2004., Zagreb / Hvar, Croatia.

28th School of Biological Anthropology ."Recent Insights into Genetic Basis of Human Disease", 2002., Zagreb / Hvar, Croatia.

26th School of Biological Anthropology "Molecular Genetics and Human Evolution", 2000., Zagreb, Croatia .

Anthropology and Health "Anthropology and Molecular Genetics II", 2000., Hvar, Croatia.

RESEARCH EXPERIENCE:

Experience in a variety molecular and cell biology techniques in the field of population and molecular biology:

DNA and protein manipulation: extraction and purification of DNA in large quantities PCR, RT-PCR, quantitative PCR, sequencing, sequence analysis, cloning and expression of recombinant proteins, RNAi, Co-IP, Western blotting, immunoblotting, ELISA, peptide antibody design, antibody purification

Cell culture techniques: tissue cultured cells and plant tissue culture

Basic bioinformatics skills

LANGUAGES:

English (fluently), Croatian (native speaker), French, German (working knowledge, Italian (use of)

