



Sandra Sobocanec

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Address: 10090, Zagreb, Croatia (Home)

WORK EXPERIENCE

2013 – CURRENT Zagreb, Croatia
SENIOR RESEARCH ASSOCIATE RUĐER BOŠKOVIĆ INSTITUTE

2008 – 2013 Zagreb, Croatia
RESEARCH ASSOCIATE RUĐER BOŠKOVIĆ INSTITUTE

1999 – 2008 Zagreb, Croatia
RESEARCH ASSISTANT RUĐER BOŠKOVIĆ INSTITUTE

EDUCATION AND TRAINING

2006 Zagreb, Croatia
PHD IN BIOLOGICAL SCIENCES Faculty of Science, University of Zagreb

Website <https://www.pmf.unizg.hr/biol/en>

2003 Zagreb, Croatia
MSC IN BIOLOGICAL SCIENCES Faculty of Science, University of Zagreb

Website <https://www.pmf.unizg.hr/biol/en>

1999 Zagreb, Croatia
GRADUATE IN BIOLOGICAL SCIENCES Faculty of Science, University of Zagreb

Website <https://www.pmf.unizg.hr/biol/en>

2013 Zagreb, Croatia
FELASA EQUIVALENT CAT. C LICENCE Faculty of Science, University of Zagreb

Website <https://www.pmf.unizg.hr/biol/en>

LANGUAGE SKILLS

Mother tongue(s): **CROATIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C1	C1	C1	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

ADDITIONAL INFORMATION

PROJECTS

2023 – CURRENT

Croatian Science Foundation Project (grant No. 4806) "Investigating sex-specific metabolic effect of Sirtuin 3 in obesity-related diseases - Obese Sirt" - Principal Investigator

2020 – 2023

EU OPKK IRI 2 Project No. 01.2.1.02.0090 "ONE - Research and development of meals for the survival of the new generation"; Project Collaborator

Link <https://bit.ly/3LRmNsW>

2016 – 2018

EU OPKK IRI Project No. KK 01.2.1.01.0017. „Cedevita Healthy OTG" - the development of the new, healthier and low-calorie instant vitamin drink"; Project Collaborator

Link <https://bit.ly/3z6qsjF>

2015 – 2019

Croatian Science Foundation Project (grant No. 4533) „Sirtuin3 as a mediator of mitochondrial function in estrogen-dependent resistance to hyperoxia and high-fat diet"; Project Collaborator

Link <https://bit.ly/3Ot8SLH>

HONOURS AND AWARDS

2021

RBI Award for best scientific paper – Institute Ruđer Bošković Annual award for best scientific publication in Antioxidants (2020)

2019

RBI Award for best scientific paper – Institute Ruđer Bošković Annual award for best scientific publications in eLife (2018).

2019

RBI Award for best scientific paper – Institute Ruđer Bošković Annual award for best scientific publications in Aging US (2018).

2017

RBI Award for best scientific paper – Institute Ruđer Bošković Annual award for best scientific publication in Redox Biology (2016).

2022

Invited lecture – HDIR The Conference of the Croatian Association for Cancer Research „HDIR-6 Targeting cancer", Zagreb, Croatia

2018

Invited lecture – The COST Action The COST Action CA 15133, Zagreb, Croatia

2016

Invited lecture – Croatian Society of Biochemistry and Molecular Biology Congress of the Croatian Society of Biochemistry and Molecular Biology, Zadar, Croatia

PROFESSIONAL TRAINING

02/2016 – 03/2016

Max Planck Institute for Biology of Aging, Cologne, Germany

professional training in Bioinformatics - InnoMol Enhancement of the Innovation Potential in SEE through new Molecular Solutions in Research and Development

01/2008 – 01/2008

University of Manchester, Great Britain

professional training in Biostatistics - Training School in the Experimental Design and Statistical Analysis of Biomedical Experiments

MANAGEMENT AND LEADERSHIP SKILLS

2019. Ivana Kučar, bacc. Mol.Biol., graduate thesis - mentorship

2019. Dora Marčinko, bacc. Mol.Biol., graduate thesis - mentorship

- 2017.** Grazia Davidović, bacc. Mol. Biol., graduate thesis - mentorship
2015. Antonija Perović, spec. med. Biochem, doctoral thesis - comentorship
2013. Anita Vidović, Faculty of Science, University of Zagreb, doctoral thesis - mentorship
2011. Željka M Šafranko, Faculty of Science, University of Zagreb, doctoral thesis - mentorship

COMMUNICATION AND INTERPERSONAL SKILLS

- 2009-present:** Elective course „Biotechnology and Drug Research“, Department of Biotechnology, University of Rijeka
2009-2010: Doctoral study, course "Methods for measuring nitric oxide in biological systems", Faculty of Pharmacy and Biochemistry, University of Zagreb
2006: Postgraduate study, course „Neuroimmunology“, Faculty of Science, University of Zagreb

PUBLICATIONS

2018. - 2023.

1. Marta Koščak, Isabela Pehar, Ksenija Božinović, Goutam Kumar Kole, Sandra Sobočanec, Iva I. Podgorski, Marija Pinterić, Klaus Müller-Buschbaum, Dragomira Majhen*, Ivo Piantanida*, Todd B. Marder (2022) *Pharmaceutics* 14 (11); 2499.
2. Sara Matić, Ana Tomašić Paić, Sandra Sobočanec, Marija Pinterić, Goran Pipalović, Monika Martinčić, Mihaela Matovina, Sanja Tomić (2022) *International Journal of Molecular Sciences* 23 (4), 1994.
3. Kristina Dominko, Ana Rastija, Sandra Sobočanec, Lea Vidatic, Sarah Meglaj, Andrea Lovincic Babic, Birgit Hutter-Paier, Alessio Vittorio Colombo, Stefan F. Lichtenthaler, Sabina Tahirovic, Silva Hecimovic (2021) *International Journal of Molecular Sciences* 22 (24), 13256.
4. Marija Pinterić, Iva I. Podgorski, Marijana Popović Hadžija, Ivana Tartaro Bujak, Ana Tadijan, Tihomir Balog, Sandra Sobočanec* (2021) *International Journal of Molecular Sciences* 22 (8), 4277.
5. Iva I. Podgorski, Marija Pinterić, Dora Marčinko, Marijana Popović Hadžija, Vedrana Filić, Ivan Ciganek, Denis Pleše, Tihomir Balog, Sandra Sobočanec* (2020) *Life Sciences* 254:117812.
6. Marija Pinteric, Iva I. Podgorski, Marijana Popovic Hadžija, Vedrana Filic, Mladen Paradžik, Bastien L J Proust, Ana Dekanic, Ivan Ciganek, Denis Pleše, Dora Marcinko, Tihomir Balog, Sandra Sobočanec* (2020) *Antioxidants* 9, 294; 1.
7. Marija Pinteric, Iva I. Podgorski, Marijana Popovic Hadžija, Ivana Tartaro Bujak, Ana Dekanić, R Bagarić, V Farkaš, S Sobočanec*, T Balog (2020) *Antioxidants* 9; 2; 174.
8. Marina Musa, Matea Perić, Peter Bou Dib, Sandra Sobočanec, Ana Šarić, Anita Lovrić, Marina Rudan, Andrea Nikolić, Ira Milosević, Kristian Vlahoviček, Nuno Raimundo, Anita Kriško (2018) *Aging-US* 10;9; 2407-2427.
9. Marija Pinterić, Iva I Podgorski, Sandra Sobočanec*, Marijana Popović Hadžija, Mladen Paradžik, Ana Dekanić, Maja Marinović, Mirna Halasz, Robert Belužić, Grazia Davidović et al. *Free Radical Research* 52 (2018), 6; 672, 684.
10. Marina Rudan, Peter Bou Dib, Marina Musa, Matea Kanunnikau, Sandra Sobočanec, David Rueda, Tobias Warnecke, Anita Kriško (2018) *eLife* 7:e35330.
11. Maro Bujak, Ivana Tartaro Bujak, Sandra Sobočanec, Martina Mihalj, Sanja Novak, Anita Ćosić, Maja Tolušić Levak, Vjekoslav Kopačin, Branka Mihaljević, Tihomir Balog et al. *Cellular Physiology and Biochemistry*, 47 (2018) 2; 827-841.
12. Antonija Perović, Sandra Sobočanec, Sanja Dabelić, Tihomir Balog, Jerka Dumić. *Free Radical Research* 52 (2018), 2; 188-197.

(for complete list see <https://bit.ly/43wlv3W>)