

Curriculum Vitae

Personal

Name: Olgica Zaric, Ph.D., MPE;

Born: 1980, Ivanjica, Serbia;

Nationality: Serbian;

Address: Medical University of Vienna, High-field MR Centre, Department of Biomedical Imaging and Image-Guided Therapy; Vienna, Austria

Email: olgica.zaric@meduniwien.ac.at;

Education

Medical University of Vienna, Vienna, Austria

- PhD Studies in Medical Physics October 2012 – May 2019
- University postgraduate course October 2014 – September 2017

Faculty of Physical Chemistry, University of Belgrade, Serbia

- Masters of Science in Physical Chemistry (graduated in 2007)
- Bachelors in Physical Chemistry (graduated in 2005)

Work experience

Medical University of Vienna

- Researcher September 2012 – current
Development and implementation of the molecular MR imaging techniques at ultrahigh field (7T); DWI, ²³Na-MRI, CEST-MRI.

Institute for Oncology and Radiology of Serbia, Department of Radiotherapy Physics

(Radiotherapy planning department);

- Medical physicist July 2010 - June 2012
3D-CRT, IMRT and SBRT Treatment Planning;
Dosimetry tests and quality assurance;

Serbian Ministry for Science

- Young researcher on the Scientific Project January 2011 - June 2012

Institute for Oncology and Radiology of Serbia, Department of Imaging Diagnostics

- MR physicist January 2008 - July 2010
Sequence and protocol optimization for the clinical examinations (1.5 T)

Professional memberships

- International Society for Magnetic Resonance in Medicine, (ISMRM)—student member;
- European Society for Radiotherapy & Oncology (ESTRO)—full member;

Projects

- Ultra-high-field Improved Breast Cancer Diagnosis and Therapy Monitoring by Sodium (23Na) MRI at Ultra-High Field (2011);
- Improved Monitoring of Tumor Response to Breast Cancer Therapy by Sodium Magnetic Resonance Imaging at Ultra-high Field (2014);
- A randomized, placebo-controlled, patient and investigator blinded single dose, Proof of concept study investigating the safety, tolerability and preliminary efficacy of intraarticular LNA043 in regenerating the articular cartilage of the knee at the donor sites in patient undergoing autologous chondrocyte implantation (2017-2019);

Languages

- Serbian (First language), English (Proficient), German (B1 level), Russian (Basic);

Computer skills

- MS Office, Matlab, SPSS Statistics, jMRUI, ImageJ, 3D Slicer, IDL Virtual Machine;

Certifications

- Certified Medical Physicist - MPE (Medical University of Vienna, Austria 2017)
- Certificate of work allowance with closed ionization irradiation sources in Radiation therapy, Institute for Nuclear Sciences—Vinca, Serbia (2011).
- National Certificate for Quality Improvement, YUSQ-United Association of Serbia for Quality Improvement (2009).

Awards

- ***Magna cum Laude***; International Society for Magnetic Resonance in Medicine, (ISMRM); 2017; Paris, France.
- ***Summa cum Laude***; International Society for Magnetic Resonance in Medicine, (ISMRM); 2015; Toronto, Canada.
- ***Summa cum Laude***; International Society for Magnetic Resonance in Medicine, (ISMRM); 2013; Salt Lake City, USA.

Invited talks

- “Unmet clinical needs in the body.” MR Imaging of ^nX -Nuclei (^{23}Na & Friends): From Controversies to Potential Clinical Applications. 2018, Dubrovnik, Croatia.
- “ ^{23}Na MRI - applications in the body.” Series of lectures for students. German Cancer Research Center (DKFZ), Heidelberg, Germany.

Lectures

- Morning lectures for the radiologists: Sodium MRI at 7T- clinical applications, Medical University of Vienna, October 2014;
- Morning lectures for the radiologists: Multiparametric Breast MRI, Medical University of Vienna, March 2017;