

Curriculum Vitae

Jelena Curcic PhD

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Swiss and Serbian
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married, 1 child
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Current Position

2012–today | **Postdoctoral fellow** at the Division of Gastroenterology and Hepatology, University Hospital Zurich, Switzerland.
Main project: *Magnetic Resonance Imaging for the Diagnosis of Gastro-Esophageal Reflux Disease (GERD)*.
Other projects: Assessment of Esophago-Gastric Junction using MRI, Application of MR Imaging for the Assessment of Food Processing in the Stomach.
Collaborations: Laboratory of Human Nutrition at the ETH Zurich, Institute for image-guided surgery (IHU) Strasbourg, France.
Other tasks: Supervision of PhD candidates and master students, organization and performance of clinical studies: MRI protocol design, ethics, statistical data analysis, database concept and maintenance, publications.

Education

2007–2012 | **PhD in Biomedical Engineering, ETH Zurich, Switzerland.**
PhD thesis: *“Magnetic Resonance Imaging for the Assessment of Human Gastroesophageal Function”* supervised by Prof. Dr. Peter Bösiger at the Institute for Biomedical Engineering.

2006–2007 | **MSc in Electrical Engineering, ETH Zurich, Switzerland.**
MSc thesis: *“A Real Time Self Gated Free Breathing Approach for Cardiac Imaging”* supervised by Prof. Dr. Sebastian Kozierke at the Institute for Biomedical Engineering.

2003–2006 | Graduate studies of Electrical Engineering, ETH Zurich, Switzerland.

Teaching Experience

2007–2009	Graduate Teaching Assistant at the Institute for Biomedical Engineering, ETH Zurich. Led exercise courses in Biomedical Engineering I, with the topic Computer Tomography.
2005–2007	Undergraduate Teaching Assistant at the Department of Information Technology and Electrical Engineering, ETH Zurich. Led laboratory exercises for Analog and Digital Electronics.

Languages

German	Fluent
English	Fluent
Serbian	Mother tongue

Additional Skills

Programming	MATLAB, IDL, R, Philips Pulse Programming Environment, C, C++, Java.
Operating Systems	Windows (Office), Linux, UNIX.
Applications	MS Office, Adobe Creative Suite, L ^A T _E X.

Certificates

GCP	Good Clinical Practice Modules 1-3 at the Clinical Trials Center in Zurich.
Statistics	Applying statistical methods in Biosciences.
Database	MS Access 2010: Database development (Windows).
Contracting	Contract Design in Industry and Technology.

Selected Publications

2014	Curcic J , Schwizer A, Kaufman E et al. <i>Effects of baclofen on the functional anatomy of the oesophago-gastric junction and proximal stomach in healthy volunteers and patients with GERD assessed by magnetic resonance imaging and high-resolution manometry: a randomised controlled double-blind study.</i> Aliment Pharmacol Ther.
2014	Curcic J , Roy S, Schwizer A et al. <i>Abnormal structure and function of the esophagogastric junction and proximal stomach in gastroesophageal reflux disease.</i> Am J Gastroenterol.
2010	Curcic J , Fox M, Kaufman E et al. <i>Gastroesophageal junction: structure and function as assessed by using MR imaging.</i> Radiology.

Activities

AVETH and VMITET	Member and one year president of mid-level faculty association organizing exchange between institutes of Electrical Engineering Department (ITET) at the ETH Zurich.
Art drawing	Class program I: Fundamentals of pencil-drawing and II: Fundamentals of coloring.