

Svetlana Jovanic

Personal Informatio

Early Stage Researcher (ESR ITN ImageInLife, <http://imageinlife.eu/marie-curie-fellows>, PhD student)

Nationality: Serbian

E-mail addresses: svetlana.jovanic@phaseview.com; svetlana.jovanic@cnr.fr;

Institutional Address: 2 Impasse Noisette, 91370 Verrières-le-Buisson, France

Present Position

2017 - Present Early Stage Researcher (ESR, PhD student), PhaseView, France

Education

2017 - Present PhD student, "Biosigne" Doctoral School (ED 419), Paris-Sud University, Paris, France
PhD project title: "High speed 3D volume acquisition for *in vivo* embryo imaging - SPIM for the reconstruction of multilevel dynamics" Supervisor: Nadine Peyri ras, co-Supervisor: Igor Lyuboshenko

2014 - 2017 Junior researcher at Photonics center, Institute of Physics, Belgrade, Serbia

2012 - 2014 M.S. Degree in Biology, Major in Molecular Biology and Physiology, Faculty of Biology, University of Belgrade, Serbia

2008 - 2012 Degree in Biology, Major in Molecular Biology and Physiology, Faculty of Biology, University of Belgrade, Serbia

Scholarships

2017 - 2020 Early Stage Researcher H2020/Marie Skłodowska-Curie Scholarship for Innovative Training Network "ImageInLife"

2016 - 2017 EU ERASMUS+ Scholarship for project: "Amyloid-  peptide aggregation in the presence of metal ions" Department for Clinical Neuroscience, Karolinska Institute, Stockholm, Sweden

2016 Rajko and Maj Djermanovic Memorial Fund Scholarship for project: "Self-regulation of gene transcription networks. Quantitative study by spatio-temporally resolved fluorescence microscopy imaging of fast dynamic processes via massively parallel Fluorescence Correlation Spectroscopy (mpFCS)" Department for Clinical Neuroscience, Karolinska Institute, Stockholm, Sweden

Trainings

09-10/18 "ImageInLife" workshop, Course: Scientific Communication and Fundraising, Modelling and simulation of biological development and ImageInLife e-conference and How to produce a MOOC? Seignosse, France

01/18 "ImageInLife" workshop, National Center for Scientific Research (CNRS), Gif-sur-Yvette, France

2017 The 3rd Cell Biological Science Workshop, Faculty of Advanced Life Science, Hokkaido University, Sapporo, Japan

2016 Course: Functional Fluorescence Microscopy Imaging in Biomedical Research, Karolinska Institute, Stockholm, Sweden

2013 Practical training in neurobiological techniques at DAAD Summer School, Petnica Science Centre, Serbia

Conferences and Workshops

10/18 Workshop organization, Workshop title: "Light Sheet Fluorescence Microcopy (LSFM)", Atelier de microscopie Confocale, Gif-sur Yvette, France; Thierry Savy & Svetlana Jovanic

10/18 MiFoBio (Functional Microscopy in Biology) Workshop Conference, Seignosse, France;
Poster presentation, Poster title: "*In toto* light sheet imaging for the reconstruction of developing vertebrate embryos"

Workshop organization, Workshop title: "SPIM-FCS to probe Cadherin1 dynamics along the cell lineage in

Svetlana Jovanic

zebrafish early embryogenesis”; Svetlana Jovanic & Nadine Peyrieras

- 09-10/18** Poster presentation at 10th Anniversary Light Sheet Fluorescence Microscopy Conference, Dresden, Germany; Poster title: "In toto light sheet imaging for the reconstruction of developing vertebrate embryos"
- 08/17** Poster presentation at 5th International School and Conference on Photonics – PHOTONICA, Belgrade, Serbia
Poster title: "The application of laser scanning microscopy in the research on an amyotrophic lateral sclerosis model system"
- 11/14** Workshop organization, Workshop title: "Two - photon Fluorescence Light Microscopy and Second harmonic generation microscopy", IBRO NERKA School of Neurophotonics, Belgrade, Serbia. Aleksandar Krmpot & Svetlana Jovanic
- 03/13** Oral presentation at 6th International School and Conference on Photonics, Kopaonik, Serbia.
Presentation title: "The application of laser scanning microscopy in the research on an amyotrophic lateral sclerosis model system "

Papers

1. Katarina Bukara, **Svetlana Jovanic**, Ivana Drvenica, Ana Stancić, Vesna Ilić, Mihailo D. Rabasović, Dejan Pantelić, Branislav Jelenković, Branko Bugarski, and Aleksandar Krmpot., "Mapping of hemoglobin in erythrocytes and erythrocytes ghosts using two-photon excitation fluorescence microscopy", *J. Biomed. Opt.* 22(2), 026003, Feb 09 2017. [doi:10.1117/1.JBO.22.2.026003]
2. Sanja Z Despotović, Novica M Milićević, Dragoslav Milošević, Nebojša Despotović, Predrag Erceg, Petar Svorcan, Udo Schumacher, Sebastian Ullrich, Gordana Mihajlović, Dragan Kalem, Srđan Marković, Ivana M Lalić, Aleksandar J Krmpot, Mihailo D Rabasović, Dejan V Pantelić, **Svetlana Jovanic**, Thomas Rösch and Živana Milićević., "Remodelling of Extracellular Matrix of the Lamina Propria in the Uninvolved Human Rectal Mucosa 10 cm and 20 cm away from the Malignant Tumor ", *Tumor Biology*, 1–10, 2017. [doi:10.177/1042831771654]