

SCOPES project "Computational modeling of blood flow in the tumor vasculature" The 3rd International Workshop – DAY 1		
Date:	07/07/2014	
Starting time:	10 A.M.	
Venue:	Rectorate of the University of Kragujevac, Jovana Cvijica bb, 34 000 Kragujevac	
Organization:	University of Kragujevac, International Projects Office/University of Fribourg	
09.30 – 10.00	Registration	
Intro Session		
10.00 - 10.05	Introduction speech - Prof. Dr. Nenad Filipovic, Vice-Rector for International Cooperation of the University of Kragujevac, coordinator of the project	
10.05 - 10.15	Presentation of the University of Kragujevac and International Projects Office – Tatjana Stankovic, International Projects Officer	
Scientific Session		
10.15 - 11. 00	Basic and clinical aspects of tumor angiogenesis - Prof. Dr. Curzio Rüegg, Chair of Pathology, University of Fribourg, coordinator of the project	
11.00 – 11.30	Computer modeling in biomedical engineering - Prof. Dr. Nenad Filipovic	
11.30 – 11.45	Coffee Break	
11.45 – 12.05	Targeting disseminated tumor cells with self-assembling amplifying nanoparticle - Prof. Dr. Curzio Rüegg	
12.05 – 12.45	Microbeam Radiation Therapy: a promising new anti-angiogenic strategy for cancer therapy – Prof. Dr. Valentin Djonov, Head of Section Topographic and clinical Anatomy, University of Bern	
12.45 – 13.15	Nanotechnology in oncology. Radiosensitization with gold nanoparticles (GNP) as an almost perfect example – Prof. Dr. Branislav Jeremic, Head of Oncology at Stellenbosch, University and Tygerberg Hospital, Cape Town	
13.15 – 13.45	Lunch Break	
13.45 – 14.05	Tumor response to radiation therapy - Prof. Dr. Curzio Rüegg	
14.05 – 14.25	Mechanisms of MAGI1–mediated modulation of cell adhesion - Begoña Alday Parejo, PhD student and research assistant, University of Fribourg	
14.25 – 14.45	Role of MAGI1 in regulating endothelia cell functions - Kedar Ghimire, PhD student and research assistant, University of Fribourg	
14.45 – 14.55	The role of Galectin-3 in immune mediated diseases – Doc. Dr. Vladislav Volarevic, University of Kragujevac	
14.55 – 14.15	The role of Galectin-3 molcul in acute dextran sulfate sodium- induced colitis in mice - Bojana Simovic Markovic, PhD student and research assistant, University of Kragujevac	
14.15 – 14.35	Numerical simulations applied in cancer research – Blood flow through microcirculation and microfluidic chips - Tijana Djukic, PhD student and research assistant, University of Kragujevac	
14.35 – 15.00	Discussion	
Plenary Session		
15.00 – 15.45	Meeting regarding the final phase of project implementation - Prof. Dr. Nenad Filipovic, Prof. Dr. Curzio Rüegg, Tatjana Stankovic, Milena Momcilovic, Milica Kaplarevic, Katarina Basaric (International Projects Office)	

SCOPES project "Computational modeling of blood flow in the tumor vasculature" International Workshop – DAY 2	
Date:	08/07/2014
Starting time:	9 A.M.
Venue:	Faculty of Engineering, Object A, 1 st floor, Conference hall, Sestre Janjic 6, 34 000 Kragujevac
Organization:	University of Kragujevac, International Projects Office/University of Fribourg
Scientific Session	
09.00 - 09.20	Electrical coupling for cochlea mechanics modeling - Milica Nikolic, PhD student and research assistant, University of Kragujevac
09.20 - 09.40	Data mining algorithms in biomedical engineering - Milos Radovic, PhD student and research assistant, University of Kragujevac
09.40 - 10.00	Blood flow in the cerebral aneurysm - Igor Saveljic, PhD student and research assistant, University of Kragujevac
10.00 – 10.20	Three-dimensional model of cochlea – Dr Velibor Isailovic, research assistant, University of Kragujevac
10.20 – 10. 40	Head and cochlea model with sounds bone conduction – Dalibor Nikolic, PhD student and research assistant, University of Kragujevac
10.40 – 11.00	Investigation of numerical and experimental LDL transport through arterial wall - Jelena Djorovic, PhD student and research assistant, University of Kragujevac
11.00 – 11. 20	Modeling of diffusive and convective transport in cancers – Dr. Miljan Milosevic, research assistant, University of Kragujevac
11.20 – 11.40	Evolutionary assembled neural networks for making medical decisions with minimal regret: application for predicting advance bladder cancer outcome – Arso Vukicevic, PhD student and research assistant, University of Kragujevac
11.40 – 11.55	Discussion
11.55 – 12.25	Lunch Break
Plenary Session	
12.25 – 13.00	Meeting regarding the implementation of the approved SCOPES JRP - Prof. Dr. Nenad Filipovic, Prof. Dr. Valentin Djonov, Tatjana Stankovic, Milena Momcilovic, Milica Kaplarevic, Katarina Basaric (International Projects Office)