Program & Book of Abstracts: IUBMB Advanced School Nutrition, Metabolism and Aging 2018

Abstract:
The Serbian Society for Molecular Biology (MolBioS) welcomes you to the IUBMB Advanced School on Nutrition, Metabolism and Aging. It is our pleasure to invite you to Petnica Science Center, situated in the untouched nature of western Serbia, and representing a great venue for the School with its well equipped laboratories, teaching center, computer classroom, restaurant, library and hotel-type accommodation. The program covers a wide spectrum of contemporary topics in nutrition, metabolism and aging in the context of diabetes, metabolic syndrome, obesity, healthy aging and neurodegenerative diseases. Distinguished speakers from all over the world have been invited to present their up-to-date findings on molecular mechanisms underlying obesity-related metabolic disorders, metabolic effects of dietary fructose, association of gut microbiota dysbiosis with various diseases, as well as on cell senescence and dysfunction related to aging. The inevitable part of modern science are current techniques that provide deep insight in biological phenomena. The participants will have the opportunity to attend workshops on microbiota profiling and bioinformatic analysis of microbiome, bisulfite sequencing and confocal microscopy of aging brain. We are confident that the cutting-edge topics from our invited speakers will contribute to fulfilling our aim of creating an opportunity for young scientists to exchange ideas and get inspired by state-of-the-art lectures of eminent scientists and acknowledged experts. The main goal of IUBMB Advanced School on Nutrition, Metabolism and Aging is to foster curiosity, communication and collaboration, especially among young researchers. It will provide them with comprehensive insight in the current state of knowledge and research in the field of molecular biology of nutrition, metabolism and aging through direct contact with the renowned scientists and through sharing experiences among themselves. We believe that the training and experience gained at Petnica IUBMB Advanced School will help the young researchers to create new ideas, research concepts and international collaborations. On behalf of the Organizing and Scientific Committees we welcome you to the IUBMB Advanced School "Nutrition, Metabolism and Aging"!
Exercise, nutrition, and metabolism. Female reproductive longevity. Mitochondria and bioenergetics. The Buck is a collective of the world's top scientists in the field of research on aging who are sharing their methods and expertise to find ways to help everyone lead fuller, healthier lives by ending age-related disease.

Search. A rather disruptive bunch. Her research program is focused on understanding the energy budgeting of cells and the ways in which energy production and consumption affect cellular behavior in health, disease, and aging. Current projects include the role of ATP production in cellular differentiation and transformation and the characterization of the pathways that consume ATP during these processes. Nutrition, metabolism & cardiovascular diseases. An international journal on Diabetes, Atherosclerosis and Human Nutrition. Author information pack. Electronic usage: An increasing number of readers access the journal online via ScienceDirect, one of the world's most advanced web delivery systems for scientific, technical and medical information. IMPACT FACTOR. . 2017: 3.318 © Clarivate Analytics Journal Citation Reports 2018. Abstracting and indexing. . Journal Citation Reports - Science Edition National Library of Medicine (MEDLARS and MEDLINE) PubMed ScienceDirect Scopus EMBASE/Excerpta Medica FSTA (Food Science and Technology Abstracts).

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