europass

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WORK EXPERIENCE

Full Research Professor

Institute of Molecular Genetics and Genetic Engineering, University of Belgrade [2017 – Current]

City: Belgrade
Country: Serbia

EDUCATION AND TRAINING

PhD

Faculty of Biology, University of Belgrade [2003]

City: Belgrade
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PROJECTS

ZEBARR - Zebrafish ankrd1a as a common player in heart regeneration and skeletal muscle repair - a new prospect for unlocking regenerative potential of human heart

[01/01/2022 – Current]

Program IDEAS, Science Fund of the Republic of Serbia, No 7739807

Link: https://www.zebarr.com/

Zebrafish (Danio rerio) as a model system for studying the role of muscle ankyrin repeat proteins Ankrd1 and Ankrd2 in cardiogenesis and heart regeneration (Serbian –German programme, 2015-2016)

[2015 – 2016]

Bilateral collaboration between Serbia and Germany

Functional characterization of striated muscle signaling protein Ankrd2 in aves

[2015 – 2017]

Scientific and technological cooperation between the Republic of Serbia and the People's Republic of China

Evaluation of muscle specific protein Ankrd2/Arpp in different myopathies and its potential use as a diagnostic marker

[2011 – 2012]

Bilateral collaboration between Serbia and Germany

The role of human skeletal muscle protein Ankrd 2/Arpp in striated muscle

[2006 – 2008]

CRP funded by ICGEB, CRP/YUG05-01

PUBLICATIONS

Antitumor activity of natural pigment violacein against osteosarcoma and rhabdomyosarcoma cell lines.

[2023]

Milosevic et al. J Cancer Res Clin Oncol 149(13):10975-10987

The stress responsive gene ankrd1a is dynamically regulated during skeletal muscle development and upregulated following cardiac injury in border zone cardiomyocytes in adult zebrafish.

[2021]

Boskovic et al. Gene. 792:145725

Ectopic Expression of Ankrd2 Affects Proliferation, Motility and Clonogenic Potential of Human Osteosarcoma Cells

[2021]

Piazzi et al. Cancers (Basel). 13(2):174.

Cloning and expression profiling of muscle regulator ANKRD2 in domestic chicken Gallus gallus

[2020]

Stamenkovic et al. Histochem Cell Biol. 154(4):383-396

Ankrd2 in Mechanotransduction and Oxidative Stress Response in Skeletal Muscle: New Cues for the Pathogenesis of Muscular Laminopathies

[2019]

Cenni et al. Oxidative Medicine and Cellular Longevity, 2019:7318796

Characterization of zebrafish (Danio rerio) muscle ankyrin repeat proteins reveals their conserved response to endurance exercise

[2018]

Boskovic et al. PLoS One 13(9):e0204312.

Differential expression and localization of Ankrd2 isoforms in human skeletal and cardiac muscles

[2016]

Jasnic-Savovic et al. Histochemistry and Cell Biology, 146(5):569-584

Profiling of skeletal muscle Ankrd2 protein in human cardiac tissue and neonatal rat cardiomyocytes

[2015]

Jasnic-Savovic et al. Histochemistry and Cell Biology 143(6):583-597