

7TH OF JUNE 2021

PROGRAMME

Deadline for abstract submission - 26th of May



- 9:00 - 9:15 OPENING OF MINICONFERENCE
- 9:15 - 9:30 Başak Güneş Aydemir: The effect of metabolic changes on the vasoregulatory role of the nitroso and sulfide signaling pathway
- 9:30 - 9:45 Kapoor Sonam: The effect of pilocarpine in the status epilepticus of immature rats
- 9:45 - 10:00 Bořanská Barbora: Matrix metalloproteinases and their role in mechanisms underlying effects of quercetin on heart function in Zucker diabetic fatty rats
- 10:00 - 10:15 Golas Samuel: The vasoactive role of perivascular adipose tissue and the sulfide signaling pathway in a nonobese model of metabolic syndrome
- 10:15 - 10:30 Mičurová Andrea: High blood pressure affects pharmacokinetics of polyethylene-coated iron oxide nanoparticles in rats
- 10:30 - 10:45 Chrastina Martin: Administration of Crocus sativus extract in monotherapy and in combination with metotrexate improved the clinical manifestation of adjuvant arthritis in rats
- 10:45 - 11:00 COFFEE BREAK
- 11:00 - 11:15 Kissová Lea: Activation mechanism of calcium pump SERCA by substance CDN1163 – hypothesis and theoretical prediction
- 11:15 - 11:30 Baloová Alexandra: Behavioral consequences of maternal depression and antidepressant treatment of rats during perinatal period
- 11:30 - 11:45 Pružinská Katarína: Combination therapy of methotrexate and carnosic acid in rats with adjuvant arthritis
- 11:45 - 12:00 Vinas Mireia: Effects of pre-gestational stress and antidepressant mirtazapine treatment on neurobehavioral development of rat offspring
- 12:00 - 12:15 Andelová Katarína: Increased thermogenesis impacts the heart of spontaneously hypertensive rat and responses to altered thyroid status
- 12:15 - 12:30 Besterciová Dominika: Modulation of lexical-semantic processing by cerebellar TDCS
- 12:30 - 13:15 LUNCH BREAK
- 13:15 - 13:30 Ezgi Dayar: Antioxidant effect of *Lonicera caerulea* L. in the cardiovascular system of obese Zucker rat
- 13:30 - 13:45 Andelová Natália: How do pseudohypoxic conditions affect the cardiac mitochondrial proteome?
- 13:45 - 14:00 Boďo Pavol: Novel aldose reductase inhibitors based on triazidoindole scaffold: synthetic chemistry and acid-base properties
- 14:00 - 14:05 CLOSING OF MINICONFERENCE