

Final seminar of investigators of projects of  
Student Grant Agency of FSci USB (SGA) in 2020

**Thursday Dec 10, 4 p.m., online via Zoom meeting**

<https://bit.ly/seminar-sga>

(the link above is a shortcut to

<https://zoom.us/j/94781742530?pwd=Zmg5VjRTZzd1NEZrQnUxcmJ3aGlnNdz09> )

approx. time	student	project supervisor	study program	project title
16:05	Lukáš Strych	Tomáš Doležal	Molecular and cell biology and genetics	Role of insulin signaling during infection
16:15	Tereza Flegrová	Jan Štefka	Molecular and cell biology and genetics	Analysis of the dicyemid diversity within the host using amplicon sequencing
16:25	Danielová Adéla	Adam Bajgar	Molecular and cell biology and genetics	Genes expression of lipid metabolism during bacterial infection in <i>Drosophila melanogaster</i>
16:35	Matěj Miláček	Marek Jindra	Molecular and cell biology and genetics	Transport of juvenile hormone across cell membranes
16:45	David Novotný	Oleg Ditrich	Parazitology	Description of a life cycle of trematodes from family Opcoelidae Ozaki, 1925 on a Svalbard
16:55	Kristýna Brožová	Kateřina Jirků	Parazitology	Introduction of qPCR diagnostics of opportunistic protozoan <i>Giardia intestinalis</i> in epidemiological studies in the Czech Republic
17:05	Jiřina Weberová	Dagmar Riegert Bystřická	Clinical biology	Possible genetic association between lactose intolerance and irritable bowel syndrome
17:15	Anna-Celine Danklmaier	Ryan Rego	Biological Chemistry	Overexpression of <i>Borrelia</i> adhesion proteins DbpA and DbpB in <i>Borrelia afzelii</i> and phenotypic characterization
17:25	Hana Pechová (SGA 2019)	Jindřich Chmelař	Biological Chemistry	Cloning and expression of trypsin inhibitor-like cysteine-rich domain-containing peptides (TIL-domain inhibitors) from the tick <i>Ixodes ricinus</i>
17:35	Beatrice Hurbean	Ryan Rego	Biological Chemistry	Acquisition Dynamics of <i>Borrelia duttonii</i> by <i>Ornithodoros moubata</i> over time
17:45	Martin Liška	Jan Riegert	Vertebrate Zoology	Feeding ecology of the White-throated Dipper ( <i>Cinclus cinclus</i> ) on selected watercourses of the Tachov District (W Bohemia)
17:55	Kateřina Boubelová	Pavla Sojková	Biology	Diversity and evolution of the Myxozoa in ancestral hosts: A retrospective look at the evolution of cnidarians
18:05	Monika Bürgerová	Martina Lisnerová	Biology	Myxozoan parasites in fish from dams in the Rhine river: Morphological and molecular characterization
18:15	Ladislava Krausová	Michaela Syrová	Biology	Reaction of the Red-backed Shrike ( <i>Lanius collurio</i> ) to the Common Cuckoo ( <i>Cuculus canorus</i> )

**All students and researchers are invited, particularly SGA 2021 project applicants.**