

SZTE SZAOK

University of Szeged
Albert Szent-Györgyi Health Center and
Albert Szent-Györgyi Medical School
Department of Medical Microbiology
Educational and Research Center

Topic list (2021 /2022):

| Supervisor | Topic |
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| Prof. Dr. Katalin Burián, PhD Head of the department | Innate immune response induced by <i>Chlamydia pneumoniae</i> infection in mouse model Transcription analysis in cells coinfecting with <i>Chlamydia trachomatis</i> and Herpes simplex virus 1 |
| Dr. Valéria Endrész, PhD Senior research fellow | <i>Chlamydia pneumoniae</i> infection in different host cell types |
| Dr. Klára Megyeri, PhD Associate professor | Mechanism and pathogenic role of cytopathogenicity evoked by RV The cytopathogenic mechanisms of HSV-1 and HSV-2 and their role in the pathogenesis of infections |
| Dr. Dóra Paróczai, PhD Research fellow | Laboratory diagnosis and clinical features of SARS-CoV-2 infection in patients with chronic respiratory diseases |
| Dr. Ferenc Somogyvári, PhD Associate professor | Diagnosis of sepsis Genetics of multifactorial diseases Effect of electromagnetic radiation on microbes |
| Dr. Gabriella Spengler, PhD Assistant professor | Antibacterial and anticancer activity of redox-active selenocompounds |
| Dr. Dezső Virok, PhD Associate professor | Screening of novel anti-chlamydial agents by quantitative PCR technique Role of innate immunity in the pathogenesis of <i>Chlamydia trachomatis</i> infections |