



Гл.ас.Александра Сашова Александрова

длъжност: Главен асистент в Катедра медицинска микробиология, Медицински факултет, МУ-София – 2018г.

Образователна и научна степен „Доктор“ – 2014г.

Специализация по Клинична Микробиология – 2013г.

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Научни интереси: Изследване на молекулярно-генетични механизми на лекарствена резистентост и фактори на вирулентност, епигенетични проучвания върху респираторни патогени, Бърза молекулярна диагностика на инфекциозни причинители, PCR, PFGE, MLST, NGS.

Специализации:

2004 - Белгия, Ghent, Ghent University, Socrates Intensive Program –Course Applied Biological Sciences

2005 - Германия, Gottingen, Georg August University, Institute for Microbiology and Genetic.

Master thesis: Deletion of potential fructose utilization genes in *Ralstonia eutropha*

2007 - Португалия, Oireas, Instituto de Tecnologia Química e Biológica

Course Bacterial and Molecular typing – 40th ESCMID Postgraduate Education Course.

2011 - Русия, Санкт Петербург, Laboratory Surveillance of Pneumococcal Infection training.

Научни статии:

Alexandrova AS, Pencheva DR, Mitov IG, Setchanova LP. Clonal distribution, antimicrobial resistance, and pilus islets in *S.pneumoniae* isolates recovered from PCV10-vaccinated children with suppurative AOM in Bulgaria (2015-2020). *Jpn J Infect Dis.* 2021 Jun 30. doi: 10.7883/yoken.JJID.2021.106 (IF 2021 – 1.362)

Alexandrova A, Pencheva D, Mitov I, Setchanova L. Phenotypic and genotypic characteristics of non-invasive *S. pneumoniae* isolates recovered from PCV10-vaccinated children in Bulgaria. *Indian J Med Microbiol.* 2021 Nov 9:S0255-0857(21)04654-5. doi: 10.1016/j.ijmmb.2021.10.004. (IF 2021 – 0.985)

Alexandrova A, Setchanova L, Pencheva D, Mitov I. Phenotypic and Genotypic Characterization of Serogroup 6 *Streptococcus pneumoniae* Isolates Collected During 10-valent Pneumococcal Conjugate Vaccine Era in Bulgaria. *Acta Microbiol Immunol Hung*,2019, 1-9 (IF2020 - 2.048)

Setchanova L, **Alexandrova A**, Pencheva D, Sirakov I, Mihova I, Kaneva R, Mitov I. Rise of multidrug-resistant *Streptococcus pneumoniae* clones expressing nonvaccine serotypes among children after introduction of 10-valent pneumococcal conjugate vaccine in Bulgaria. *Journal of Global Antimicrobial Resistance*, 2018,15, 6-11 (IF2018 - 1.98)

Setchanova L, **Alexandrova A**, Dacheva D, Mitov I, Kaneva R, and Mitev V. Dominance of Multidrug-Resistant Denmark14-32 (ST230) Clone Among *Streptococcus pneumoniae* Serotype 19A Isolates Causing Pneumococcal Disease in Bulgaria from 1992 to 2013. *MICROBIAL DRUG RESISTANCE* 2015;21(1):35-42. (IF 2015 - 2.529)

Setchanova L, **Alexandrova A**, Mitov I, Nashev D, Kantardjiev T, the Group for Microbiological Surveillance of Pneumococci. Serotype distribution and antimicrobial resistance of invasive *Streptococcus pneumoniae* isolates in Bulgaria before the introduction of pneumococcal conjugate vaccine *Journal of Chemotherapy*, 2012, vol.24, No1,p.12-17 (IF 2012 – 1.084)

Setchanova L, Kostyanev T, **Alexandrova A**, Mitov I, Nashev D, and Kantardjiev T. Microbiological characterization of *Streptococcus pneumoniae* and non-typeable *Haemophilus influenzae* isolates as primary causes of acute otitis media in Bulgarian children before the introduction of conjugate vaccines. *Annals of Clinical Microbiology and Antimicrobials* 2013, 12:6 <http://www.ann-clinmicrob.com/content/12/1/6> (IF 2013 - 0.718)