

Publications:

1. Saba Parveen and **Karthik Subramanian***. Emerging Roles of Extracellular Vesicles in Pneumococcal Infections: Immunomodulators to Potential Novel Vaccine Candidates. **Front. Cell. Infect. Microbiol.**, 2022 <https://doi.org/10.3389/fcimb.2022.836070> (*Corresponding author)
2. **Karthik Subramanian**, Federico Iovino, Vasiliki Tsikourkitoudi, Padryk Merkl, Sultan Ahmed, Samuel Berry, Marie-Stephanie Achtgen, Mattias Svensson, Peter Bergman, Georgios Sotiriou, Birgitta Henriques Normark. Mannose receptor-derived peptides neutralize toxins and reduce inflammation and pneumococcal disease. **EMBO Mol Med.** 2020 Nov 6;12(11):e12695.
3. Garriss G, Nannapaneni P, Simões AS, Browall S, **Subramanian K**, Sá-Leão R, Goossens H, de Lencastre H, Henriques-Normark B. Genomic characterization of the emerging pathogen *Streptococcus pseudopneumoniae*. **mBio** 2019 Jun 25;10(3):e01286-19.
4. **Subramanian K**, Henriques-Normark B, Normark S. Emerging concepts in the pathogenesis of *Streptococcus pneumoniae*: From nasopharyngeal colonizer to intracellular pathogen. **Cell Microbiol.** 2019 Nov;21(11):e13077
(Top Downloaded Paper, Wiley, 2018-2019)
5. **Subramanian K**, Neill DR, Malak HA, Spelmink L, Khandaker S, Dalla Libera Marchiori G, Dearing E, Kirby A, Yang M, Achour A, Nilvebrant J, Nygren P, Plant L, Kadioglu A, Henriques-Normark B. **Nat Microbiol.** 2019 Jan;4(1):62-70.
(Rated exceptional article in F1000 prime and top 5% in Altmetric)
6. **Subramanian K**, Bergman P, Henriques-Normark B. Vitamin D promotes pneumococcal killing and modulates inflammatory response in primary human neutrophils. **J Innate Immun.** 2017;9(4):375-386.
7. Xie S, Spelmink L, Codemo M, **Subramanian K**, Pütsep K, Henriques Normark B, Olliver M. Cinobufagin Modulates Human Innate Immune Responses and Triggers Anti-bacterial Activity. **PLoS One.** 2016 Aug 16;11(8):e0160734.
8. **Subramanian K**, Winarsih I, Keerthani C, Ho B, Ding JL. Preferential silent survival of intracellular bacteria in hemoglobin primed macrophages. **J Innate Immun.** 2014;6(4):515-29
9. **Subramanian K**, Du R, Tan NS, Ho B, Ding JL. CD163 and IgG codefend against cytotoxic hemoglobin via autocrine and paracrine mechanisms. **J Immunol.** 2013 May 15;190(10):5267-78.
10. Adline Princy. S, **Karthik. S**, Malini.R. Biosynthesis of silver nanoparticles by *Aspergillus niger*. **Asian J. Res. Chem.** 2011; 4(31-34)

Conference Publications:

1. Karthik Subramanian, Daniel R. Neill, Hesham A. Malak, Laura Spelmink, Shadia Khandaker, Giorgia Dalla Libera Marchiori, Emma Dearing, Alun Kirby, Marie Yang,

Adnane Achour, Johan Nilvebrant, Per-Åke Nygren, Laura Plant, Aras Kadioglu, Birgitta Henriques-Normark. *Scand. J. Immunol.* 2019 Nov, 1-28.

2. Karthik Subramanian, Peter Bergman, Birgitta Henriques Normark. *Scand. J. Immunol.* 2016 May, 347-385