



Group A Streptococcus: Infection, Immunity and Vaccine Development

Guest Editors:

Prof. Dr. Thomas Proft

Dr. Jacelyn Loh

Dr. Catherine Jia-Yun Tsai

Deadline for manuscript
submissions:

closed (15 March 2024)

Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue entitled “Group A Streptococcus: Infection, Immunity, and Vaccine Development”. Group A Streptococcus (GAS), or *Streptococcus pyogenes*, is responsible for diseases. These range from superficial skin and soft tissue infections such as impetigo, pharyngitis (‘strep throat’), and tonsillitis to more severe invasive infections such as necrotizing fasciitis and streptococcal toxic shock syndrome 1–3. If left untreated, pharyngitis/tonsillitis can develop into a systemic and toxin-mediated disease known as scarlet fever or into autoimmune sequelae such as acute rheumatic fever or acute glomerulonephritis.

GAS remains mostly sensitive to beta-lactam antibiotics, and penicillin is the first-line treatment for pharyngitis/tonsillitis. There are currently several experimental GAS vaccines in various stages of development, many knowledge gaps still exist regarding immunity to infection, and filling these will underpin future GAS vaccine development.

We invite you to submit a review article or original research article related to the abovementioned topics.





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Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Systems Biology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

Message from the Editor-in-Chief

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Contact Us

Microorganisms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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