



***Staphylococcus aureus* Skin and Soft Tissue Infections Pathogenesis and Therapeutic Approaches**

Guest Editors:

Dr. Marisa I. Gómez

Consejo Nacional de
Investigaciones Científicas y
Técnicas, Universidad
Maimónides, Universidad de
Buenos Aires, Buenos Aires,
Argentina

Dr. Cintia González

Consejo Nacional de
Investigaciones Científicas y
Técnicas, Universidad
Maimónides, Universidad de
Buenos Aires, Buenos Aires,
Argentina

Dr. Eliana Cela

Consejo Nacional de
Investigaciones Científicas y
Técnicas, Universidad de Buenos
Aires, Buenos Aires, Argentina

Deadline for manuscript
submissions:

closed (31 January 2024)

Message from the Guest Editors

Dear Colleagues,

Staphylococcus aureus skin and soft tissue infections (SSTI) represent a major threat to public health given the massive number of infections and the widespread emergence of antibiotic-resistant isolates such as MRSA both in the hospital and the community. To address the increasing problems related to the actual management and treatment of SSTI, novel approaches using either preventive or alternative therapeutic strategies are urgently needed. To this end, the understanding of SSTI pathogenesis is critical to develop new strategies that can contribute not only to efficiently eradicate the bacteria from the skin but also to decrease tissue damage as well as bacterial invasion and spread to the bloodstream. The aim of this Special Issue is to provide new insights into the complex interaction of *S. aureus* with the host in the skin microenvironment and in novel therapeutic approaches. Therefore, we wish to invite Original Research articles and Reviews that address the following topics: SSTI pathogenesis; Immune response to *aureus* in the skin; Current antimicrobial therapies to combat SSTI; Novel alternative strategies to eradicate *aureus* from the skin.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Nicholas Dixon

School of Chemistry and
Molecular Bioscience, University
of Wollongong, Wollongong, NSW
2522, Australia

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPUS / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1
(*General Pharmacology, Toxicology and Pharmaceutics*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/antibiotics
antibiotics@mdpi.com
[X@antibioticsmdpi](https://twitter.com/antibioticsmdpi)