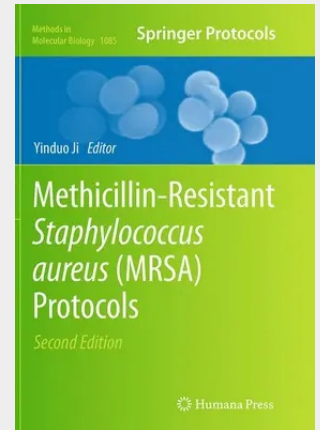


Methicillin-Resistant Staphylococcus Aureus (MRSA) Protocols

Presenting the most up-to-date techniques for the detection, genotyping, and investigation of methicillin-resistant *S. aureus* (MRSA), this second edition of *Methicillin-Resistant Staphylococcus aureus (MRSA) Protocols* collects chapters that utilize the power of complete genomic sequences and advanced high-throughput technologies that have pushed this field to its present state. These enable the development of specific and rapid diagnosis methods, the investigation and elucidation of mechanisms of bacterial evolution to antibiotic resistance and pathogenicity, and the identification of novel targets to develop more potent therapeutic and/or preventive agents. Written for the *Methods in Molecular Biology* series, numerous chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Authoritative and fully updated, *Methicillin-Resistant Staphylococcus aureus (MRSA) Protocols, Second Edition* serves as a key reference for researchers attempting to set up a new method to study MRSA or even for technicians and scientists working on other pathogens.

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