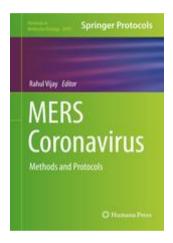
### **BOOK REVIEW**

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### **MERS Coronavirus Methods and Protocols**

Editors: Vijay, Rahul (Ed.)
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This volume provides various techniques and methodologies currently used in the study of MERS-CoV. Chapters are divided into four parts detailing evolution and entry of MERS-coronavirus, genetic alteration and structural determination of MERS-coronavirus proteins, quantitation of virus and anti-viral factors, and mouse models for MERS-coronavirus. Written in the highly successful *Methods in* 

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*Molecular Biology* series format, 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 cutting-edge, MERS Coronavirus: Methods and Protocols aims to ensure successful results in the further study of this vital field.

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- Evaluating MERS-CoV Entry Pathway. Quing, E. et al.
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- Deducing the Crystal Structure of MERS-CoV Helicase. Cui, Sheng, et al.
- Antigen Capture Enzyme-Linked Immunosorbent Assay for Detecting Middle East Respiratory Syndrome Coronavirus in Humans.
  - Fung, Joshua, et al.
- Quantification of the Middle East Respiratory Syndrome-Coronavirus RNA in Tissues by Quantitative Real-Time RT-PCR. Algaissi, Abdulla, et al.
- Evaluation of MERS-CoV Neutralizing Antibodies in Sera Using Live Virus Microneutralization Assay.
   Algaissi, Abdulla, et al.

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- Generation of MERS-CoV Pseudotuyped Viral Particles for the Evaluation of Neutralizing Antibodies in Mammalian Sera. Almasaud, Abdulrahman, et al.
- Qualitative and Quantitative Determination of MERS-CoV S1-Specific Antibodies Using ELISA.
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   Nicora, Carrie D., et al.
- Evaluation of Inactivation and Inflammatory Activity of Myeloid Cells During Pathogenic Human Coronavirus Infection. Channappanavar, Rudragouda, et al.
- Histopathologic Evaluation and Scoring of Viral Lung Function. Meyerholz, David K., et al.