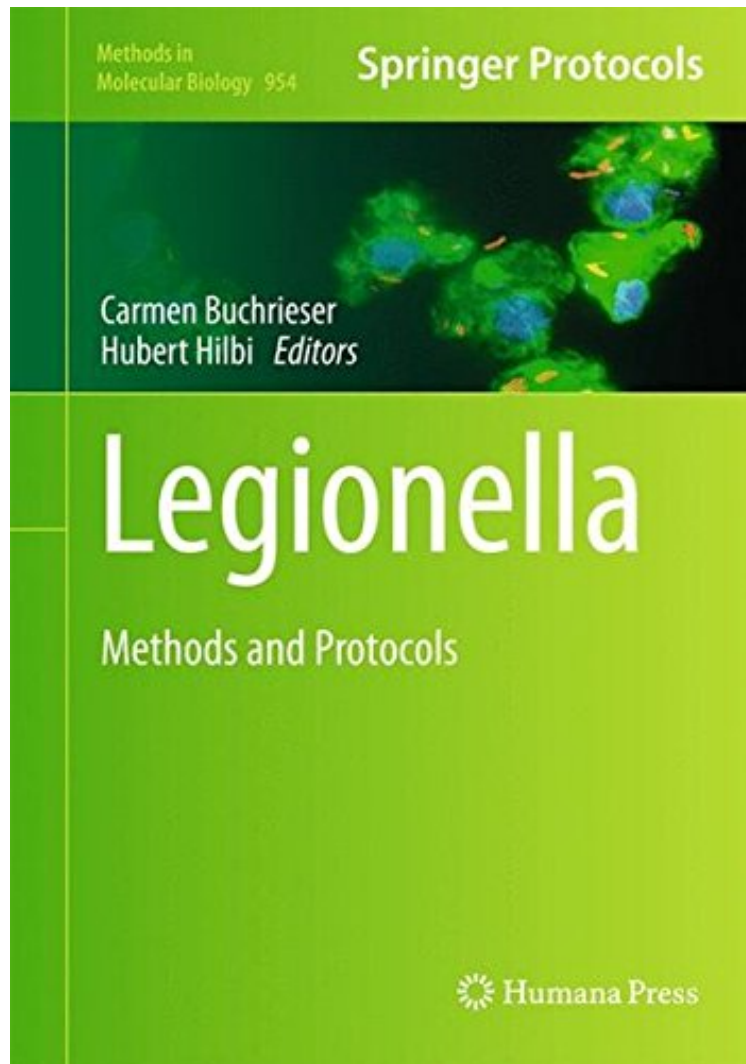


[FREE] Legionella: Methods and Protocols (Methods in Molecular Biology)

Legionella: Methods and Protocols (Methods in Molecular Biology)

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From Carmen Buchrieser : Legionella: Methods and Protocols (Methods in Molecular Biology) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Legionella: Methods and Protocols (Methods in Molecular Biology):

This Methods in Molecular Biology series book presents methods specifically adapted and developed for the study of distinct features of *L. pneumophila*. Includes materials lists, reproducible protocols, and notes on troubleshooting and pitfalls.

From the Back Cover Legionnaires disease is a severe form of pneumonia that can occur in epidemics of several hundred cases. This atypical pneumonia is characterized by a high mortality rate and affects primarily elderly and immuno-compromised individuals. An in-depth understanding of the ecology and virulence of *Legionella* spp. will contribute to an efficient and sustainable elimination of the bacteria from anthropogenic water systems and might lead to the development of novel therapeutics. The many different methods described in *Legionella: Methods and Protocols* are all specifically adapted and developed for the study of distinct features of *L. pneumophila*, and have already led to exciting discoveries. Most of these techniques can also be applied to the study of other bacterial pathogens, in particular intracellular pathogens like *Shigella*, *Salmonella* or *Listeria*. . Written in the successful *Methods in Molecular Biology* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible protocols, and notes on troubleshooting and avoiding known pitfalls. Authoritative and easily accessible, *Legionella: Methods and Protocols* will not only be useful for research groups studying *Legionella*, but also for a broader scientific community studying the epidemiology, typing, physiology, pathogenesis, immunity, genetics and evolution of other bacterial pathogens.