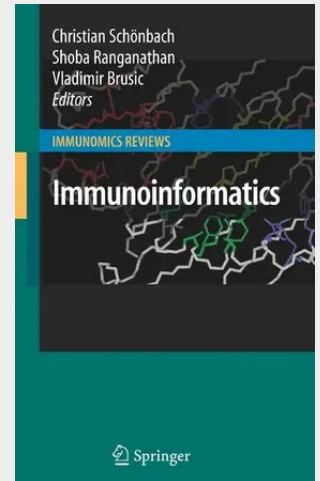


Immunoinformatics

Immunoinformatics uses mathematics, information science, computer engineering, genomics, proteomics, and immunological methods to bridge immunology and informatics. In contrast to existing books on immunoinformatics that emphasize epitope prediction, this volume presents a cross-section of immunoinformatics research. The contributions highlight the interdisciplinary nature of the field and how collaborative efforts among bioinformaticians and bench scientists result in innovative strategies for understanding the immune system. Immunoinformatics is ideal for scientists and students in immunology, bioinformatics, microbiology, genetics, systems biology, biotechnology, and computational biology. This is the first volume in a series dedicated to advances in immunomics, focusing on systemic and integrative approaches in basic and clinical immunology, immunoinformatics, and immunologically relevant instrumentation and high-throughput screening methods.

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