
Textbook of Autoinflammation

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Editors

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 Springer

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Preface

The innate immune system pervades the whole of human life, in all its aspects, and defects in it may have consequences for all organ systems. This makes the autoinflammatory disorders very complex and challenging, with variable clinical presentations and sometimes devastating consequences.

In the two decades since the term ‘autoinflammation’ was first coined, tremendous strides have been made in both the clinical field and the basic science of this fascinating new area that involves many disciplines including immunology, rheumatology, dermatology and genetics. With the coming of age of the field comes the need for a textbook as a resource to pull together the current knowledge and insights. This is a rapidly changing and developing area of research, with new disorders and pathogenic mechanisms described every year. We hope this book provides a much-needed background to encourage such developments.

This textbook will provide the clinician with detailed clinical information on the monogenic as well as some of the more complex or polygenic autoinflammatory disorders. In addition it provides background information on the cellular, immunologic and genetic mechanisms underlying many of these disorders. The textbook also contains chapters that are meant to give the clinician tools on how to approach patients with a suspected autoinflammatory disorder and how to monitor their course. We have included chapters on genetics, diagnosis, therapeutics and management in general. For basic scientists interested in the field, this book aims to provide a resource which highlights connections between different areas of autoinflammation and gives insight into the consequences of perturbations of the innate immune system in patients, and the relationship with other disorders of the immune system.

We thank the international experts, many of whom are the pioneers and leaders in the field of autoinflammation, who have contributed to this first edition by providing ‘state-of-the-art’ chapters in their field of expertise.

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