



Springer

1st
edition1st ed. 2018, XL, 1048 p.
204 illus., 174 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-3-319-76767-3

£ 249,99 | CHF 330,50 | 279,99 € |
307,99 € (A) | 299,59 € (D)

Available

Discount group

Science (SC)

Product category

Contributed volume

Other renditions

Softcover

ISBN 978-3-319-76769-7

Softcover

ISBN 978-3-030-09578-9

Biomedicine : Immunology

Cooper, Edwin L. (Ed.)

Advances in Comparative Immunology

- Unique book on comparative immunology
- Contributions by experts in the field
- Discusses the immune system of various major animal phyla

Immunologists, perhaps understandably, most often concentrate on the human immune system, an anthropocentric focus that has resulted in a dearth of information about the immune function of all other species within the animal kingdom. However, knowledge of animal immune function could help not only to better understand human immunology, but perhaps more importantly, it could help to treat and avoid the blights that affect animals, which consequently affect humans. Take for example the mass death of honeybees in recent years – their demise, resulting in much less pollination, poses a serious threat to numerous crops, and thus the food supply. There is a similar disappearance of frogs internationally, signaling ecological problems, among them fungal infections. This book aims to fill this void by describing and discussing what is known about non-human immunology. It covers various major animal phyla, its chapters organized in a progression from the simplest unicellular organisms to the most complex vertebrates, mammals. Chapters are written by experts, covering the latest findings and new research being conducted about each phylum. Edwin L. Cooper is a Distinguished Professor in the Laboratory of Comparative Immunology, Department of Neurobiology at UCLA's David Geffen School of Medicine.

Order online at [springer.com/book sellers](https://www.springer.com/book sellers)**Springer Nature Customer Service Center GmbH**

Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com



ISBN 978-3-319-76767-3 / BIC: MJCM / SPRINGER NATURE: SCB14000

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**