



# How Helminths Alter Immunity to Infection [

Horsnell, William,  
ed. lit

Springer New York,  
2014

Immunology Emerging infectious diseases Medical parasitology  
Immunology Infectious Diseases Parasitology

Monografía

Helminth infections are common, cause considerable pathology, and alter a host's immune profile. This can have important consequences not only on the host's ability to control a helminth infection, but also on their ability to control unrelated infections. In endemic areas, understanding how helminth infection influences the outcome of common infectious diseases and changes the efficacy of childhood vaccination programs is an important public health question. This book reviews how host immunity to helminths alters our ability to respond to the major pathogens that exist in helminth endemic regions. Current understanding of how helminths alter important but relatively neglected contributors to the host's anti-helminth immune responses are addressed, namely host antibody responses and how maternal infection may alter a child's immune development. These are discussed in relation to the control of helminth infection and unrelated infections. Also covered are how helminth infections alter the host's ability to control TB, HIV and malarial infections along with neglected bacterial infections, such as cholera, and how endemic helminth infections are likely to alter our ability to respond to life-saving vaccination strategies

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzYyMTg3MjU>

**Título:** How Helminths Alter Immunity to Infection [Recurso electrónico] edited by William Horsnell

**Editorial:** New York, NY Springer New York Imprint: Springer 2014

**Editorial:** New York, NY Springer New York 2014

**Descripción física:** X, 152 p. 6 il. col

**Mención de serie:** Advances in Experimental Medicine and Biology 828

**Nota general:** Description based upon print version of record

**Bibliografía:** Includes bibliographical references at the end of each chapters and index

**Contenido:** The Role of Antibody in Parasitic Helminth Infections -- Maternal Helminth Infections -- Helminth-M. TB Co-Infection -- Bacterial Infections and Vaccines -- Helpful or aHindrance: Co-Infections of Helminth During Malaria -- Helminth Infections and HIV: Theories and Facts Regarding HIV and Helminth Interaction

**Lengua:** English

**ISBN:** 9781493914890 9781493914906 9781493914883 9781493954193

**Materia:** Immunology Emerging infectious diseases Medical parasitology Immunology Infectious Diseases Parasitology

**Autores:** Horsnell, William, ed. lit

**Enlace a formato físico adicional:** 1-4939-1488-X

**Punto acceso adicional serie-Título:** Advances in Experimental Medicine and Biology 828

---

### **Baratz Innovación Documental**

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)