



Endogenous ADP-Ribosylation

[

Koch-Nolte, Friedrich

Springer

Medicine Immunology Medical microbiology Pharmacology
 Biomedicine Pharmacology/Toxicology Medical Microbiology
 Immunology

Monografía

This volume gathers the latest exciting findings on ADP-ribosylation from renowned experts in the field. It includes ten chapters, organized into the following three thematic sections: Evolution and detection of endogenous ADP-ribosylation ADP-ribosylation by the ARTC family of ADP-ribosyltransferases (R-S-E ARTs) ADP-ribosylation by the ARTD family of ADP-ribosyltransferases (H-Y-E ARTs) The book will provide readers a better understanding of ADP-ribosylating toxins and their endogenous relatives. This provides a basis for developing novel toxin-neutralizing drugs and drugs targeting endogenous ADP-ribosyltransferase relatives

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhemF0ei5yZW4vMTc1NDcyMjI>

Título: Endogenous ADP-Ribosylation Recurso electrónico] edited by Friedrich Koch-Nolte

Editorial: New York [etc.] Springer

Descripción física: VIII, 213 p

Mención de serie: Current Topics in Microbiology and Immunology 0070-217X 384

Contenido: The natural history of ADP-ribosyltransferases and the ADP ribosylation system -- Identification and Analysis of ADP-ribosylated Proteins -- Photorhabdus luminescens toxins TccC3 and TccC5: Insecticidal ADP-ribosyltransferases that modify threonine and glutamine -- Reaction mechanism of mono-ADP-ribosyltransferase based on structures of the complex of enzyme and substrate protein -- Regulation of nitrogenase by reversible mono-ADP-ribosylation -- ADP-ribosylation of P2X7: a matter of life and death for regulatory T cells and natural killer T cells -- Pierisins and CARP-1: ADP-ribosylation of DNA by ARTCs in butterflies and shellfish -- Comparative structural analysis of the putative mono-ADP-ribosyltransferases of the ARTD/PARP family -- Function and regulation of the mono-ADP-ribosyltransferase ARTD10 -- Regulation of nucleocytoplasmic transport by ADP-ribosylation: the emerging role of karyopherin-1 mono-ADP-ribosylation by ARTD15

Detalles del sistema: Modo de acceso: Word Wide Web Modo de acceso: World Wide Web

Fuente de adquisición directa: Springer (e-Books)

ISBN: 9783319107714 978-3-319-10771-4 9783319107707

Autores: Koch-Nolte, Friedrich

Punto acceso adicional serie-Título: Current Topics in Microbiology and Immunology 0070-217X 384

Baratz Innovación Documental

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