

1. Record Nr.	UNINA9910271045103321
Titolo	Moonlighting proteins : novel virulence factors in bacterial infections / / edited by Brian Henderson
Pubbl/distr/stampa	Chichester, West Sussex, England : , : Wiley Blackwell, , 2017 ©2017
ISBN	1-118-95113-1 1-118-95112-3 1-118-95114-X
Descrizione fisica	1 online resource (529 pages) : illustrations (some color), tables
Disciplina	616.92
Soggetti	Malalties bacterianes Bacterial diseases Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	What is protein moonlighting and why is it important? / Constance J. Jeffery -- Exploring structure-function relationships in moonlighting proteins / Sayoni Das, Ishita Khan, Daisuke Kihara, Christine Orenge -- Overview of protein moonlighting in bacterial virulence / Brian Henderson -- Moonlighting proteins as cross-reactive autoantigens / Wim van Eden -- Chaperonin 60 paralogues in mycobacterium tuberculosis and tubercle formation / Brian Henderson -- Legionella pneumophila chaperonin 60 an extra- and intra-cellular moonlighting virulence-related factor / Karla N. Valenzuela-Valderas, Angela L. Riveroll, Peter Robertson, Lois E. Murray, and Rafael A. Garduno -- An overview of peptidylprolyl isomerases in bacterial virulence / Brian Henderson -- GAPDH : a multifunctional moonlighting protein in eukaryotes and prokaryotes / Michael A. Sirover -- Streptococcus pyogenes GAPDH : a cell surface major virulence determinant / Vijay Pancholi -- Group B streptococcus GAPDH and immune evasion / Paula Ferreira and Patrick Trieu-Cuot -- Mycobacterium tuberculosis cell surface gapdh functions as a transferrin receptor / Vishant M Borradia,

Manoj Raje, Chaaya Iyengar -- Gapdh and probiotic organisms / Hideki Kinoshita -- Impact of streptococcal enolase in virulence / Marcus Fulde and Simone Bergmann -- Streptococcal enolase and immune evasion / Masaya Yamaguchi and Shigetada Kawabata -- Borrelia burgdorferi enolase and plasminogen binding / Catherine A. Brissette -- Triosephosphate isomerase from staphylococcus aureus and plasminogen receptors on microbial pathogens / Reiko Ikeda, Tomoe Ichikawa -- Moonlighting functions of bacterial fructose-1,6 bisphosphate-aldolases / Neil J Oldfield, Fariza Shams, Karl G Wooldridge and David PJ Turner -- Pyruvate dehydrogenase and plasminogen binding in mycoplasmas / Anne Grundel, Kathleen Friedrich, Melanie Pfeiffer, Enno Jacobs, Roger Dumke -- Unexpected interactions of leptospiral ef-tu proteins / Natalia Salazar and Angela Barbosa -- Mycobacterium tuberculosis antigen 85 family proteins : mycolyl transferases and matrix-binding adhesins / Christopher P. Ptak, Chih-Jung Kuo, and Yung-Fu Chang -- Miscellaneous il-1[beta]-binding proteins of aggregatibacter actinomycetemcomitans / Riikka Ihalin -- Bacteriophage moonlighting in the control of bacterial pathogenicity / Janine Bowring, Alberto Marina, Jose R. Penades and Nuria Quiles-Puchalt -- Viral entry glycoproteins and viral immune evasion / Jonathan D. Cook and Jeffrey E. Lee.

---