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| 1. Record Nr. | UNINA9910144556603321 |
| Titolo | The interferons [[electronic resource]] : characterization and application / / edited by Anthony Meager |
| Pubbl/distr/stampa | Weinheim, : Wiley-VCH Chichester, : John Wiley [distributor], 2006 |
| ISBN | 1-280-72341-6 9786610723416 3-527-60820-6 3-527-60792-7 |
| Descrizione fisica | 1 online resource (462 p.) |
| Altri autori (Persone) | MeagerAnthony |
| Disciplina | 616.0791 |
| Soggetti | Interferon Interferon - Testing Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | The Interferons; Contents; Preface; List of Contributors; Color Plates; Section A Molecular Aspects, Introduction and Purification; 1 Type I Interferons: Genetics and Structure; 1.1 Introduction; 1.2 The Type I IFN Genetic Locus; 1.3 Type I IFN Genes; 1.3.1 IFN-; 1.3.2 IFN-; 1.3.3 IFN-; 1.3.4 IFN-; 1.3.5 IFN-; 1.3.6 IFN- (Limitin); 1.3.7 IFN-; 1.3.8 IFN-; 1.3.9 IFN-; 1.4 Type I IFN Gene-regulatory Regions; 1.5 Evolution of the Type I IFNs; 1.5.1 Vertebrate IFN Genes; 1.5.2 The Expansion and Divergence of the IFN Genes; 1.6 Natural and Induced Mutations in IFN Genes 1.7 Secondary Structural Features of Type I IFNs1.7.1 Conserved Amino Acid Residues; 1.7.2 Post-translational Modifications of Type I IFNs; 1.7.3 Conserved Cysteine Residues and Disulfide Bond Formation; 1.8 The Structure of Type I IFNs; References; 2 Activation of Interferon Gene Expression Through Toll-like Receptor-dependent and -independent Pathways; 2.1 Introduction; 2.2 IFN- Gene Transcription; 2.3 IRF Family Members; 2.4 Role of IRFs in Virus-mediated IFN Activation; 2.4.1 IRF-3; 2.4.2 IRF-5; 2.4.3 IRF-7; 2.5 IFN Signaling |

Pathways; 2.5.1 TLR-dependent Signaling to IFN Activation
 2.5.1.1 TLR Overview 2.5.1.2 TLR-3 Signaling; 2.5.1.3 TLR-4 Signaling;
 2.5.1.4 TLR-7 Signaling; 2.5.1.5 TLR-9 Signaling; 2.5.2 TLR-
 independent Signaling; 2.5.2.1 Retinoic Acid Inducible Gene (RIG)-I
 Signaling; 2.5.2.2 Melanoma Differentiation-associated Gene-5 (mda-
 5); 2.6 Conclusions; References; 3 Interferon Proteins: Structure,
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 derived IFN - First Steps in Producing Commercial IFN; 3.3.2
 Lymphoblastoid IFN - Towards more Reliable Supplies of IFN
 3.3.3 Cloned Type I IFNs - An Inexhaustible Supply of Therapeutic
 Material 3.4 Long-acting IFNs; 3.5 Summary; References; 4 Interferon-:
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 Role of IFN- in Promoting Immune Responses against Tumors; 4.7
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 5.4 The Type I IFN Receptor

Sommario/riassunto

At long last, the first book to cover all important areas of interferon science in one volume. Top scientists, including many pioneers in the field, highlight the role of interferons as research tools and as therapeutic agents in clinical applications. Edited by an experienced interferonologist, chapters include discussions of interferon genes, Type I, II and III IFNs, as well as their induction, production and purification, receptors actions, measuring IFN activities and anti-IFN antibodies, as well as the evolution of viral defense mechanisms. For immunologists, cancer researchers, medic

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| 2. Record Nr. | UNINA9910797598203321 |
| Autore | Sturma Michael <1950-> |
| Titolo | Fremantle's submarines : how Allied submariners and Western Australians helped win the war in the Pacific / / Michael Sturma |
| Pubbl/distr/stampa | Annapolis, Maryland : , : Naval Institute Press, , 2015 ©2015 |
| ISBN | 1-61251-861-3 |
| Descrizione fisica | 1 online resource (249 p.) |
| Disciplina | 940.54/516 |
| Soggetti | World War, 1939-1945 - Naval operations - Submarine World War, 1939-1945 - Australia - Fremantle (W.A.) World War, 1939-1945 - Campaigns - Pacific Ocean Fremantle (W.A.) History, Military |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | ""Table of Contents""; ""List of Illustrations""; ""Acknowledgments""; ""Introduction""; ""1. On the Edge""; ""2. Like Heaven""; ""3. Wilkes""; ""4. Lockwood""; ""5. Torpedoes and Tragedies""; ""6. Christie""; ""7. Traveling North""; ""8. Sailors' Women""; ""9. Hunter and Hunted""; ""10. Trouble in Paradise""; ""11. War of Attrition""; ""12. Support and Supply""; ""13. Cruel Months""; ""14. The British Arrive""; ""15. Adjustments and Special Missions""; ""16. Battle of Leyte Gulf""; ""17. Transitions""; ""18. Tribulations""; ""19. Cooperation at Sea""; ""20. War's End"" ""Epilogue""""Notes""; ""Bibliography""; ""Index""; ""About the Author"" |
| Sommario/riassunto | From unpromising beginnings in March 1942, the submarine base at Fremantle became a vital part of the Allied offensive against Japan. Pushed back from the Philippines and the Netherlands East Indies, American submariners, accompanied by small numbers of Dutch, retreated to Fremantle on the remote west coast of Australia as a port of last resort. Far from their prospective patrol areas and their own supply lines, they had little reason to feel optimistic. Thanks largely to a welcoming civilian population, the morale of Allied submariners quickly improved, as did their effectiveness in fighting |

