

1. Record Nr.	UNINA9910640386603321
Autore	Mueller Siguna
Titolo	Challenges and opportunities of mRNA vaccines against SARS-CoV-2 : a multidisciplinary perspective / / Siguna Mueller
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	9783031189036 9783031189029
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (460 pages)
Disciplina	362.1962414
Soggetti	COVID-19 (Disease) - Prevention COVID-19 vaccines
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Introduction -- Part I: Scientific Underpinnings, early expectations, and emerging challenges from the global inoculation experience -- Chapter 2: Appraisal of Some of the Key Postulates Underlying mRNA Vaccines -- Chapter 3: Relevance for mRNA vaccine safety -- Chapter 4: From Challenges to Opportunities and Open Questions -- Chapter 5: The challenge of evaluating vaccine safety and effectiveness -- Chapter 6: Safeguarding against the analog of antimicrobial-resistance development -- Chapter 7: Scales, pseudoscales, the human factor, and a way forward -- Part II: A deeper dive into mRNA vaccine safety and security, and developments until Delta -- Chapter 8: mRNA Vaccine safety and efficacy - official criteria when AEs are caused by the injection -- Chapter 9: mRNA Covid-19 vaccines best reflect effective pharmaceuticals - basic considerations and LNPs -- Chapter 10: mRNA Covid-19 pharmaceuticals and the spike antigen -- Chapter 11: Other facets of SARS-CoV-2 immunity, the risk of immune tolerance and T cell exhaustion -- Part III: The Omicron variants -- Chapter 12: Omicron -- Chapter 13: Conclusion.
Sommario/riassunto	This book offers an analytical look at the much debated risks and benefits of the newly developed COVID-19 mRNA-vaccines. As such, it is one of the first books to give a comprehensive overview of mRNA

vaccines against COVID-19 and the only one that addresses this topic from a broad multidisciplinary background. It brings together insights from various underlying disciplines on the challenges of developing and evaluating the most suitable vaccines for mass vaccination programs enrolled throughout the world - focusing on safety and efficacy. This book should not be missing on the shelf of any biomedical researcher, epidemiologist, public health professional or clinical researcher interested in SARS-CoV2 or virology and vaccine development in general. .

2. Record Nr.	UNINA9910970543303321
Titolo	Perspectives on urban infrastructure // Royce Hanson, editor
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1984
ISBN	9786610245864 9781280245862 1280245867 9780309541329 0309541328 9780585144290 058514429X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (vi, 216 pages) : illustrations, charts
Altri autori (Persone)	HansonRoyce
Disciplina	363/.0973
Soggetti	Infrastructure (Economics) - United States Urban policy - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Papers and discussions from a Symposium on the Adequacy and Maintenance of Urban Public Facilities, held by the National Research Council, at Airlie House, Warrenton, Va., Feb. 25-26, 1983.
Nota di bibliografia	Includes bibliographies.
Nota di contenuto	Perspectives on Urban Infrastructure -- Copyright -- Contents -- Introduction -- 1 The Evolution of the Urban Infrastructure in the Nineteenth and Twentieth Centuries -- INTRODUCTION -- URBAN NETWORKS AND WALKING CITIES: A PERIOD OF FOUNDATIONS, 1790-

1855 -- The Development of Urban Infrastructure -- Financing Infrastructure in the Walking City -- Engineers and Urban Technology -- Conclusion -- CONSTRUCTING THE CORE INFRASTRUCTURE IN THE CENTRAL CITIES, 1855-1910 -- Introduction -- Municipal Provision of Infrastructure -- Institutional and Political Changes in Infrastructure Supply and Distribution -- Financing Infrastructure -- Engineering and Science Development -- THE DOMINATION OF THE AUTOMOBILE AND THE ENLARGEMENT OF THE FEDERAL ROLE, 1910-1956 -- The Automobile Revolution, 1910-1930 -- The New Deal -- Professional Developments -- The Postwar Period -- THE RISE OF THE OUTER CITY AND RECENT TRENDS INFLUENCING URBAN INFRASTRUCTURE, 1956-1982 -- Changing Fiscal Trends -- The Environmental Movement -- Mass Transit -- Alternative Systems -- CONCLUSION -- AFTERWORD -- ACKNOWLEDGMENTS -- Bibliography -- DISCUSSION -- Randy Hamilton -- Wilfred Owen -- Abel Wolman -- SUMMARY -- 2

Assessing Infrastructure Needs: The State of the Art -- INTRODUCTION -- The Infrastructure Problem -- National Needs -- The Challenge Ahead -- DEFINING NEEDS -- Needs Versus Desirable Improvements -- The Needs Assessment Process -- The Role of Standards -- Summary -- THE CONDITION ASSESSMENT PROCESS -- Defining Conditions -- Condition Assessment Measures -- The National Bridge Inspection Program -- The New York City Water Distribution System -- THE INVESTMENT DECISION-MAKING PROCESS -- Estimating Investment Requirements -- A Framework for Investment Decisions -- The EPA Needs Survey -- The Wisconsin Department of Transportation's Approach to Investment Programming. SUMMARY AND CONCLUSIONS -- Needs Assessment Issues -- The Limited Use of Traditional Needs Surveys -- The Importance of Technically Sound Condition Information to Effective Infrastructure Management -- The Importance of the Investment Decision-Making Process -- Research Agenda -- Bibliography -- DISCUSSION -- Harry Hatry -- Kurt W. Bauer -- SUMMARY -- Preparation of Inventories and Needs Analyses -- National Versus Local-Level Data -- Interim Assessments -- Data Available for Needs Assessments -- The Quality of Engineering Knowledge -- 3 Financing the Nation's Infrastructure Requirements -- INTRODUCTION -- THE CURRENT INFRASTRUCTURE FINANCING SYSTEM: HAS IT FAILED? -- CAPITAL FINANCING INSTITUTIONS: ARE THEY AT FAULT? -- Federal Aid -- Long-Term Borrowing -- Insulating Infrastructure From General Budget Competition -- FINANCING PRINCIPLES: THE USER-COST PRINCIPLE -- FINANCING PRINCIPLES: AN INFRASTRUCTURE BANK -- CONCLUSION -- REFERENCES -- DISCUSSION -- Franklin D. Raines -- Forest Witsman -- SUMMARY -- Distinctions Between New Capital Programs and Maintenance -- The Advantages of an Infrastructure Bank -- The Opportunities for and Limitations of User Fees -- The Role of Interest Rates in the Financing of Facilities -- The Opportunity for Use of a Form of Commodity Bond -- 4 Politics and Urban Public Facilities -- FACILITIES AND POLITICAL POWER: A GLANCE AT MUNICIPAL HISTORY -- Boss Tweed's Pavement Politics -- Cleveland: A Bridge to Electoral Victory -- Public Works as Political Strategy -- TODAY'S INFRASTRUCTURE CRISIS AND THE POLITICS OF URBAN DEVELOPMENT -- The Deferral of Capital Improvements -- Financing Public Works: The Political Environment Since 1960 -- Public Facilities and the Politics of Urban Growth -- STANDARDS, NEEDS, AND PUBLIC ACTION -- Engineering Standards -- Political Standards -- Needs -- Filling Potholes and Budget Gaps. GOODIES -- CONCLUSION: DOES MANAGEMENT FAIL INFRASTRUCTURE? OR THE VALUE OF PORK -- REFERENCES -- DISCUSSION -- Philip

Dearborne -- Scott Johnson -- Henry Gardiner -- SUMMARY -- Does the Political System Doom Us to a Substandard Level of Service? -- The Role of the Public Works Professional and Manager -- The Need to Understand the Trade-Offs -- The Engineering Brain Drain and Local Public Works Decisions -- 5 The Future of Urban Public Works: New Ways of Doing Business -- INTRODUCTION -- INFRASTRUCTURE AS AN IMPORTANT NATIONAL ISSUE -- Visible Signs of Decay -- Deteriorating State and Local Finances -- A National or Local Issue -- SOME FUTURE TRENDS IN URBAN DEVELOPMENT AND TECHNOLOGY -- Future Development and Public Works -- New Technology of Infrastructure -- An Infrastructure for Infrastructure Innovation -- THE SEARCH FOR CREATIVE ALTERNATIVES -- Benefit-Based Approaches Versus Ability to Pay -- The Impact of Fiscal Constraints: A New Role for Local Government -- Alternatives in the Bay Area -- Innovation in Urban Transportation -- Sale-Leaseback -- State and National Alternatives -- State Bond Banks -- Federal Public Works Bank -- THE POLITICS OF URBAN PUBLIC WORKS: A NEW ECOLOGY OF GAMES -- Public Works as a Job Strategy -- The Business Role in Emerging Political Coalitions -- Structural Changes in Planning and Financing -- Joint Public-Private Investment -- CONCLUSIONS -- Research Implications -- Technology -- Economics -- Politics -- Long-Range Assessment -- REFERENCES -- DISCUSSION -- John M. Armstrong -- Larry J. Feeser -- SUMMARY -- The Need for Research and Development -- The Importance of Innovation Transfer -- The "Brain Drain" of Engineers Away from Public Works -- The Impact of the Computer on Cities and Their Needs for Infrastructure -- Appendix A Program -- Appendix B Participants.

Sommario/riassunto

In this provocative volume, distinguished authorities on urban policy expose the myths surrounding today's "infrastructure crisis" in urban public works. Five in-depth papers examine the evolution of the public works system, the limitations of urban needs studies, the financing of public works projects, the impact of politics, and how technology is affecting the types of infrastructures needed for tomorrow's cities.

3. Record Nr.	UNINA9910165121803321
Autore	Napier K.C.B. General William Francis Patrick
Titolo	History Of The War In The Peninsular And In The South Of France, From The Year 1807 To The Year 1814 - Vol. VI
Pubbl/distr/stampa	San Francisco : , : Wagram Press, , 2011 ©2011
ISBN	9781908902238 190890223X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (433 pages)
Collana	History Of The War In The Peninsular And In The South Of France, From The Year 1807 To The Year 1814 ; ; v.6
Soggetti	Peninsular War, 1807-1814 Napoleonic Wars, 1800-1815
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- TABLE OF CONTENTS -- BOOK THE TWENTY-THIRD. -- CHAPTER III-December 1813 to January 1814 -- Respective situations and views of Lord Wellington and Soult-partisan warfare-The Basques of the Val de Baygorry excited to arms by the excesses of Mina's troops-General Harispe takes the command of the insurgents-Clausel advances beyond the Bidouze riverShipwrecks on the coast -- CHAPTER IV.-1814 -- Political state of Portugal-Political state of Spain-Lord Wellington advises the English government to prepare for a war with Spain and to seize St. Sebastian as a security for the withdrawal of the British and Portuguese troops-The seat of government andLord Wellington's views on the subject -- CHAPTER V.-1813 -- Political state of Napoleon-Guileful policy of the allied sovereigns-M. de St. Aignan-General reflections-Unsettled policy of the English ministers-They neglect Lord Wellington-He remonstrates and exposes the denuded state of his army -- CHAPTER VI.-September 1813 to 1814 -- Continuation of the war in the eastern provinces-Suchet's erroneous statements-Sir William Clinton repairs Taragona-Advances to Villa Franca-Suchet endeavours to surprise him-Fails-The French cavalry cut off an English detachment at Ordal - The duke of SaSiege of Santona -- CONTINUATION OF THE WAR IN THE EASTERN PARTS OF SPAIN. --

BOOK THE TWENTY-FOURTH. -- CHAPTER I.-January 1814 to February 1814 -- Napoleon recalls several divisions of infantry and cavalry from Soult's army-Embarrassments of that Marshal-Mr. Bathedat a banker of Bayonne offers to aid the allies secretly with money and provisions-La Roche Jacquelin and other Bourbon partisans arrive Soult takes the line of the Gave de Oleron and resolves to change his system of operations -- PASSAGE OF THE GAVES. -- CHAPTER II.-February 1814 to March 1813.

Lord Wellington arrests his movements and returns in person to St. Jean de Luz to throw his bridge over the Adour-Is prevented by bad weather and returns to the Gave of Mauleon-Passage of the Adour by Sir John Hope-Difficulty of the operation-The flotillaObservations -- PASSAGE OF THE ADOUR. [Plan 10, Vol. V.] -- BATTLE OF ORTHES. -- COMBAT OF AIRE. -- OBSERVATIONS. -- CHAPTER III-March 1814 to April 1814 -- Soult's perilous situation-He falls back to Tarbes-Napoleon sends him a plan of operations-His reply and views stated-Lord Wellington's embarrassments-Soult's proclamation-Observations upon it-Lord Wellington calls up Freyre's Gallicians and detaches BereThe British seamen and marines land and destroy all the French batteries from Blaye to the mouth of the Garonne -- CHAPTER IV.-March 1814 -- Wellington's and Soult's situations and forces described-Folly of the English ministers-Freyre's Gallicians and Ponsonby's heavy cavalry join Lord Wellington-He orders Giron's Andalusians and Del Parque's army to enter France-Soult suddenly takes the offerReflections -- CHAPTER V. -March 1814 to April 1814 -- Views of the commanders on each side-Wellington designs to throw a bridge over the Garonne at Portet above Toulouse, but below the confluence of the Arriege and Garonne-The river is found too wide for the pontoons-He changes his design-Cavalry action at SBattle of Toulouse -- BATTLE OF TOULOUSE. [Plan 2] -- SALLY FROM BAYONNE. -- CHAPTER VI.-1814 -- General observations and reflections -- GENERAL OBSERVATIONS. -- NOTE. -- APPENDIX. -- No. I.-Official States of the allied army in Catalonia -- No. II.-Official States of the Anglo-Portuguese at different epochs -- No. III.-Official States of the French armies at different epochs -- No. IV.-Extract from Lord Wellington's order of movements for the battle of Toulouse.

No. V.-Note and morning state of the Anglo-Portuguese on the 10th of April, 1814 -- CONTROVERSIAL PIECES. -- Historical Note -- Justificatory Notes -- ALISON. -- SIR WALTER SCOTT. -- COLONEL GURWOOD. -- VILLA MURIEL. -- A Reply to Lord Strangford's Observations, & -- . -- APPENDIX. -- (A) -- (B) -- A Reply to Various Opponents, with Observations illustrating Sir J. Moore's campaigns -- Sequel of Napier's Reply to Various Opponents, containing some new and curious facts relating to the battle of Albuera -- A Letter to general Lord viscount Beresford, being an answer to his Lordship's assumed Refutation of colonel Napier's Justification of his Third Volume -- Answer to the Quarterly Review -- Reply to the Third Article in the Quarterly Review -- Remarks on Robinson's Life of Picton -- Counter-remarks to Mr. Dudley Montagu Perceval's Remarks.

Sommario/riassunto

A masterful, epic account of the Spanish Ulcer that drained Napoleon's resources and played a pivotal role in the end of his domination of Europe. The author served with distinction in the actions of the Light Division, such as the epic march to Talavera, the battles of Fuentes d'Onoro, Salamanca, Nivelle, Orthes and Toulouse. He left the service a General and Knight Commander of the Order of Bath. Napier's History would rank as the most important history to be written by an actual participant, and was as controversial with his countrymen as among his contemporaries on the Continent. In Napier's concluding volume

[End of 1813 - April 1814], he chronicles the last says of the first reign of Napoleon as Wellington forcefully shifts Marshal Soult from each position and passes each defensive line with great skill. Despite the successful battle of Orthez (or Orthes), Wellington is beset with problems, he has to dispense of the services of his Spanish allies, whose looting has become a liability, along with the millstone of their internal power struggle between Ferdinand, recently released by Napoleon to sow discord, and the ruling classes. Stripped of a large part of his manpower, he pushes onward, Wellington fights the controversial battle of Toulouse and in spite of mistimed attacks, and one of his best generals dis-obeying orders he pushes Soult further back into France. The timing of news of the abdication of Napoleon from Paris is the subject to much debate and is weighed by Napier in favour of Soult, and with the final action of the war, the sally from Bayonne the hostilities come to an end until the Hundred Days. Also included in this volume but missing from the earlier editions are his defences, ripostes and counters to the carping and criticism of his initial publications, much of it emanating from Marshal Beresford stung by Napier's harsh judgement of the battle of Albuera
