

1. Record Nr.	UNISA996248121103316
Autore	Brooks Jeffrey <1942->
Titolo	Thank You, Comrade Stalin! : Soviet Public Culture from Revolution to Cold War // Jeffrey Brooks
Pubbl/distr/stampa	Princeton, N.J. : , : Princeton University Press, , 2001, 2000 ©2001, 2000
ISBN	1-4008-4392-8
Edizione	[1st paperback printing.]
Descrizione fisica	1 online resource (xx, 319 p.)
Disciplina	947
Soggetti	History & Archaeology Regions & Countries - Europe Russia & Former Soviet Republics Popular culture Journalism Civilization Journalism - Soviet Union Popular culture - Soviet Union Soviet Union Soviet Union Civilization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The monopoly of the printed word: from persuasion to compulsion -- The first decade: from class war to socialist building -- The performance begins -- The economy of the gift: "thank you, comrade Stalin for a happy childhood" -- Literature and the arts: "an ode to Stalin" -- Honor and dishonor -- Many wars, one victory -- The theft of the war -- Renewal, stagnation, and collapse.
Sommario/riassunto	Thank you, our Stalin, for a happy childhood." "Thank you, dear Marshal [Stalin], for our freedom, for our children's happiness, for life." Between the Russian Revolution and the Cold War, Soviet public culture was so dominated by the power of the state that slogans like these appeared routinely in newspapers, on posters, and in government proclamations. In this penetrating historical study, Jeffrey Brooks draws on years of

research into the most influential and widely circulated Russian newspapers--including Pravda, Izvestiia, and the army paper Red Star--to explain the origins, the nature, and the effects of this unrelenting idealization of the state, the Communist Party, and the leader. Brooks shows how, beginning with Lenin, the Communists established a state monopoly of the media that absorbed literature, art, and science into a stylized and ritualistic public culture--a form of political performance that became its own reality and excluded other forms of public reflection. He presents and explains scores of self-congratulatory newspaper articles, including tales of Stalin's supposed achievements and virtue, accounts of the country's allegedly dynamic economy, and warnings about the decadence and cruelty of the capitalist West. Brooks pays particular attention to the role of the press in the reconstruction of the Soviet cultural system to meet the Nazi threat during World War II and in the transformation of national identity from its early revolutionary internationalism to the ideology of the Cold War. He concludes that the country's one-sided public discourse and the pervasive idea that citizens owed the leader gratitude for the "gifts" of goods and services led ultimately to the inability of late Soviet Communism to diagnose its own ills, prepare alternative policies, and adjust to new realities. The first historical work to explore the close relationship between language and the implementation of the Stalinist-Leninist program, Thank You, Comrade Stalin! is a compelling account of Soviet public culture as reflected through the country's press.-- Publisher description.

2. Record Nr.	UNINA9910830623203321
Titolo	Expression and analysis of recombinant ion channels [[electronic resource]] : from structural studies to pharmacological screening // edited by Jeffrey J. Clare, Derek J. Trezise
Pubbl/distr/stampa	Weinheim ; ; [Chichester], : Wiley-VCH, c2006
ISBN	1-280-72342-4 9786610723423 3-527-60809-5 3-527-60793-5
Descrizione fisica	1 online resource (305 p.)
Altri autori (Persone)	ClareJeffrey J TreziseDerek J
Disciplina	572.3
Soggetti	Ion channels Biological transport, Active
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	Expression and Analysis of Recombinant Ion Channels; Contents; Preface; List of Contributors; Color Plates; 1 Expression of Ion Channels in Xenopus Oocytes; 1.1 Introduction; 1.2 Advantages and Disadvantages of Xenopus Oocytes; 1.3 Procedures for Using Oocytes; 1.4 Types of Analyses; 1.4.1 Electrophysiological Analysis; 1.4.1.1 Two-electrode Whole Cell Voltage-clamp; 1.4.1.2 Cut-open Oocyte Voltage-clamp; 1.4.1.3 Macropatch Clamp; 1.4.1.4 Single Channel Analysis; 1.4.2 Biochemical Analysis; 1.4.3 Compound Screening; 1.4.3.1 Serial Recording Using the Roboocyte; 1.4.3.2 Parallel Recording Using the OpusXpress; 1.5 Examples of Use; 1.5.1 Characterization of cDNA Clones for a Channel; 1.5.2 Structure-Function Correlations; 1.5.3 Studies of Human Disease Mutations; 1.6 Conclusions; Acknowledgments; References; 2 Molecular Biology Techniques for Structure - Function Studies of Ion Channels; 2.1 Introduction; 2.2 Methods for cDNA Subcloning; 2.2.1 Conventional Sub-cloning Using Restriction Enzymes and DNA Ligase; 2.2.2 PCR-based cDNA Sub-cloning; 2.2.3 Sub-cloning cDNA through Site-

specific Recombination; 2.3 Generation of Chimeric Channel cDNAs
2.3.1 Use of Restriction Enzymes to Generate Chimeric Channel
cDNAs 2.3.2 PCR-mediated Overlap Extension for Chimera Generation;
2.3.3 PCR-mediated Integration or Replacement of cDNA Fragments;
2.4 Site-directed Mutagenesis; 2.4.1 Examples of the Use of Site-
directed Mutagenesis; 2.4.2 Modification of the QuikChange Method for
the Replacement of cDNA Fragments; 2.5 Epitope-tagged Channels and
Fusion Partners; 2.6 Channel Subunit Concatamers; 2.7 Concluding
Remarks; References; 3 Unnatural Amino Acids as Probes of Ion
Channel Structure - Function and Pharmacology; 3.1 Introduction
3.2 Unnatural Amino Acid Mutagenesis Methodology 3.3 Unnatural
Amino Acid Mutagenesis for Ion Channel Studies; 3.4 Structure-
Function Example Studies; 3.4.1 Nicotinic Acetylcholine Receptor; 3.4.2
Drug Interactions with the hERG Voltage-gated Potassium Ion Channel;
3.5 Other Uses of Unnatural Amino Acids as Probes of Protein Structure
and Function; 3.6 Conclusions; Acknowledgements; References; 4
Functional Expression of Ion Channels in Mammalian Systems; 4.1
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4.4 Post-translational Processing of Heterologous Expressed Ion
Channels 4.5 Cytotoxicity; 4.6 Transient Expression Systems; 4.6.1
"Standard" Transient Expression; 4.6.2 Viral Expression Systems; 4.7
Stable Expression of Ion Channels; 4.7.1 Bicistronic Expression
Systems; 4.7.2 Stable Expression of Multiple Subunits; 4.7.3 Inducible
Expression; 4.8 Summary; Acknowledgements; References; 5 Analysis
of Electrophysiological Data; 5.1 Overview; 5.2 Introduction; 5.3
Expression Systems and Related Recording Techniques; 5.3.1
Expression in Xenopus Oocytes; 5.3.2 Expression in Mammalian Cells
5.3.3 Leak and Capacitance Subtraction

Sommario/riassunto

Filling the gap created over the past five years, during which many new techniques have entered the market, this book is directed at both the new and the experienced ion channel researcher wishing to learn more about the considerations and methods for studying recombinant ion channels. These latest developments are covered here for the first time, contributed by editors and authors working for major pharmaceutical companies and who routinely apply these techniques in their daily work. The first three chapters cover the use of the Xenopus oocyte expression system for structure-function stud
