1. Record Nr. UNINA9910585954903321

Autore	Skovgaard Jakob <1977->
Titolo	The politics of fossil fuel subsidies and their reform / / edited by Jakob Skovgaard, Harro van Asselt [[electronic resource]]
Pubbl/distr/stampa	Cambridge University Press, 2018 Cambridge : , : Cambridge University Press, , 2018
ISBN	1-108-26607-X 1-108-27153-7 1-108-24194-8
Edizione	[Online edition.]
Descrizione fisica	1 online resource (xxiii, 324 pages) : digital, PDF file(s)
Collana	Physical Sciences
Disciplina	338.2/3
Soggetti	Energy policy - Economic aspects Energy industries - Subsidies Fossil fuels - Government policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 17 Jan 2019). Open Access title.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Defining and measuring fossil fuel subsidies / Doug Koplow -- Reforming fossil fuel subsidies: the art of the possible / Shelagh Whitley and Laurie van der Burg -- The political economy of incumbency: fossil fuel subsidies in global and historical context / Peter Newell and Phil Johnstone -- Fossil fuel subsidy reform: an international norm perspective / Thijs Van de Graaf and Mathieu Blondeel -- International push, domestic reform? The influence of international economic institutions on fossil fuel subsidy reform / Jakob Skovgaard -- Fossil fuel subsidies and the global trade regime / Ronald Steenblik, Jehan Sauvage and Christina Timiliotis -- Fossil fuel subsidies and the global climate regime / Harro van Asselt, Laura Merrill and Kati Kulovesi -- Anatomy of an international norm entrepreneur: the friends of fossil fuel subsidy reform / Vernon Rive -- The global subsidies initiative: catalytic actors and the politics of fossil fuel subsidy reform / Nathan Lemphers, Steven Bernstein and Matthew Hoffmann -- Fossil fuel subsidy reform in Indonesia: the struggle for successful reform / Kathryn Chelminski -- Lessons from the world's

largest subsidy benefit transfer scheme: the case of liquefied petroleum gas subsidy reform in India / Abhishek Jain, Shalu Agrawal and Karthik Ganesan -- Sustaining carbon lock-in: fossil fuel subsidies in South Africa / Jesse Burton, Tawney Lott and Britta Rennkamp -- The politics of subsidies to coal extraction in Colombia / Claudia Strambo, Ana Carolina Gonzalez Espinosa, Angelica Puertas Velasco and Aaron Atteridge -- Reforming Egypt's fossil fuel subsidies in the context of a changing social contract / Tom S. H. Moerenhout -- Actors, frames and contexts in fossil fuel subsidy reform: the case of Trinidad and Tobago / Michelle Scobie.

Sommario/riassunto

Fossil fuel subsidies strain public budgets, and contribute to climate change and local air pollution. Despite widespread agreement among experts about the benefits of reforming fossil fuel subsidies, repeated international commitments to eliminate them, and valiant efforts by some countries to reform them, they continue to persist. This book helps explain this conundrum, by exploring the politics of fossil fuel subsidies and their reform. Bringing together scholars and practitioners, the book offers new case studies both from countries that have undertaken subsidy reform, and those that have yet to do so. It explores the roles of various intergovernmental and non-governmental institutions in promoting fossil fuel subsidy reform at the international level, as well as conceptual aspects of fossil fuel subsidies. This is essential reading for researchers and practitioners, and students of political science, international relations, law, public policy, and environmental studies. This title is also available as Open Access.

2. Record Nr. UNINA9911019461903321

Titolo	ADMET for medicinal chemists : a practical guide / / edited by Katya Tsaioun, Steven A. Kates
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2011
ISBN	1-280-59122-6 9786613621054 0-470-91509-9 0-470-91511-0
Descrizione fisica	1 online resource (524 p.)
Altri autori (Persone)	KatesSteven A. <1961-> TsaiounKatya
Disciplina	615.19 615/.19
Soggetti	Drugs - Testing Drugs - Design
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	ADMET for Medicinal Chemists: A Practical Guide; CONTENTS; Preface; Contributors; 1 Introduction; 1.1 Introduction; 1.2 Voyage Through The Digestive System; 1.2.1 The Mouth; 1.2.2 The Stomach; 1.2.3 The Small Intestine: Duodenum; 1.2.4 The Small and Large Intestine: Jejunum, Ileum, Colon; 1.2.5 Hepatic-Portal Vein; 1.3 The Liver Metabolism; 1.3.1 CYP450 (CYPs); 1.4 The Kidneys; 1.4.1 Active Tubular Secretion; 1.4.2 Passive Tubular Reabsorption; 1.5 Conclusions; References; 2 In Silico ADME/Tox Predictions; 2.1 Introduction; 2.2 Key Computer Methods for ADME/Tox Predictions 2.2.1 Drug Discovery2.2.2 Applying or Not ADME/Tox Predictions, Divided Opinions; 2.2.3 In Silico ADME/Tox Methods and Modeling Approaches; 2.2.4 Physicochemistry, Pharmacokinetics, Drug-Like and Lead-Like Concepts; 2.2.5 Lipophilicity; 2.2.6 pKa; 2.2.7 Transport Proteins; 2.2.8 Plasma Protein Binding; 2.2.9 Metabolism; 2.2.10 Elimination; 2.2.11 Toxicity; 2.3 Preparation of Compound Collections and Computer Programs, Challenging ADME/Tox Predictions and Statistical Methods; 2.3.1 Preparation of Compound Collections and

Computer Programs

2.3.2 Preparing a Compound Collection: Materials and Methods2.3.3 Cleaning and Designing the Compound Collection; 2.3.4 Searching for Similarity; 2.3.5 Generating 3D Structures; 2.4 ADME/Tox Predictions within Pharmaceutics Companies; 2.4.1 Actelion Pharmaceuticals Ltd.; 2.4.2 Bayer; 2.4.3 Bristol-Myers Squibb; 2.4.4 Hoffmann-La Roche Ltd.; 2.4.5 Neurogen Corporation; 2.4.6 Novartis; 2.4.7 Schering AG; 2.4.8 Vertex Pharmaceuticals; 2.5 Challenging ADME/Tox Predictions; 2.5.1 Tolcapone; 2.5.2 Factor V Inhibitors; 2.5.3 CRF-1 Receptor Antagonists; 2.6 Statistical Methods

2.6.1 Principal Component Analysis2.6.2 Partial Least Square; 2.6.3 Support Vector Machine; 2.6.4 Decision Trees; 2.6.5 Neural Networks; 2.7 Conclusions; References; 3 Absorption and Physicochemical Properties of the NCE; 3.1. Introduction; 3.2. Physicochemical Properties; 3.3. Stability; 3.4. Dissolution and Solubility; 3.4.1. Dissolution Rate, Particle Size, and Solubility; 3.4.2. pH and Salts; 3.4.3. In Vivo Solubilization; 3.5. Solid State; References; 4 ADME; 4.1 Introduction; 4.2 Absorption; 4.2.1 Route of Administration; 4.2.2 Factors Determining Oral Bioavailability; 4.3 Distribution

4.3.1 Drug Distribution4.3.2 Volume of Distribution; 4.3.3 Free Drug Concentration; 4.3.4 CNS Penetration; 4.4 Elimination; 4.4.1 Elimination Versus Clearance; 4.4.2 Metabolism Versus Excretion; 4.4.3 Drug-Free Fraction and Clearance; 4.4.4 Lipophilicity and Clearance; 4.4.5 Transporters and Clearance; 4.4.6 Metabolism; 4.4.7 Excretion; 4.5 Drug Interactions; 4.5.1 Absorption-Driven DDI; 4.5.2 Distribution-Driven DDI; 4.5.3 Excretion-Driven DDI; 4.5.4 Metabolism-Driven DDI; 4.5.5 Tools for Studying Drug Metabolism; 4.5.6 Applications of Drug Metabolism Tools

4.5.7 Tools for Studying Drug Excretion

Sommario/riassunto

This book guides medicinal chemists in how to implement early ADMET testing in their workflow in order to improve both the speed and efficiency of their efforts. Although many pharmaceutical companies have dedicated groups directly interfacing with drug discovery, the scientific principles and strategies are practiced in a variety of different ways. This book answers the need to regularize the drug discovery interface; it defines and reviews the field of ADME for medicinal chemists. In addition, the scientific principles and the tools utilized by ADME scientists in a discovery setting, as appl