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Autore	Musk Gabrielle
Titolo	Refinements to Animal Models for Biomedical Research
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (234 p.)
Soggetti	Biology, life sciences Research and information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>There is some talk about an antibiotic Armageddon, wherein untreatable post-operative infections and similarly untreatable complications after chemotherapy will occur. The now famous "O'Neill Report" suggests that, by 2050, more people could die from resistant bacterial infections than from cancer. We are still learning about all the subtle drivers of antibiotic resistance, realizing that we need a single "whole health" coordinated policy. We ingest what we sometimes feed to animals, yet there does not seem to be any new classes of antibiotics on the horizon. Maybe there is something that has been around forever that could could to our rescue: bacteriophages. Nevertheless, we have to do things differently. We must use antibiotics appropriately and for the correct indication, duration, and dosage with good practice and stewardship.. While by no means comprehensive, this book covers many topics regarding antibiotic stewardship. It also addresses older antibiotics, new combinations, and even new agents. Last but not least, this book features two excellent articles on bacteriophages.</p> <p>Refinements to animal models used in research for either human or animal benefit must be an ongoing aim for anyone working in this context, whether it be as an animal carrier, an animal user, a veterinarian, or an official. Unfortunately, the details of refinements are often overlooked in publications describing the research outcomes.</p>

This book includes manuscripts published in the Animals Special Issue "Refinements to Animal Models for Biomedical Research". In this contemporary resource, we included 12 peer-reviewed papers that cover a range of approaches to the concept of refinement.

2. Record Nr.	UNINA9910688330603321
Autore	Karley Alison J
Titolo	Crop Traits for Defense Against Pests and Disease: Durability, Breakdown and Future Prospects, 2nd Edition
Pubbl/distr/stampa	Frontiers Media SA, 2019
Descrizione fisica	1 online resource (249 p.)
Soggetti	Botany & plant sciences Science: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: frontiersin.org/about/contact
