1. Record Nr. UNISA996532970303316

Titolo	Reform des familiengerichtlichen Verfahrens : 1. Familienrechtliches Forum Gottingen / / edited by Volker Lipp, Eva Schumann, Barbara Veit
Pubbl/distr/stampa	Gottingen : , : Universitatsverlag Gottingen, , 2009
Descrizione fisica	1 online resource (259 pages)
Disciplina	346.0150269
Soggetti	Domestic relations courts
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This volume documents the proceedings of the first "Family Law Forum which took place in Gottingen on June 28 2008. Just before the conclusion of the legislative process, reknowned experts from science, policy and practice discussed the new "Law on the Proceedings in Family Matters and in Matters of Voluntary Systems of Law," (FamFG) that came into effect in September 2009. This volume includes an extensive overview of the features of the new family law and analysis and opinions on various aspects of the law.

2. Record Nr. UNINA9910409693603321

Titolo	Biotechnology for Biofuels: A Sustainable Green Energy Solution / / edited by Nitish Kumar
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-3761-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XI, 288 p. 49 illus., 32 illus. in color.)
Disciplina	662.88
Soggetti	Agriculture Plant breeding Environmental engineering Biotechnology Environmental management Natural resources Plant Breeding/Biotechnology Environmental Engineering/Biotechnology Environmental Management Natural Resources Biotecnologia Biomassa Energia de la biomassa Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Biofuels: perspective for sustainable development and climate change mitigation -- Chapter 2: Nanoparticles for Sustainable Bioenergy and Biofuel Production -- Chapter 3: Bio-hydrogen: technology developments in microbial fuel cells and their future prospects -- Chapter 4: Recent Advances in Genetic Improvement of Jatropha curcas: a potent biodiesel plant -- Chapter 5: Catalytic approach for production of hydrocarbon rich bio-oil from a red seaweed species -- Chapter 6: Seaweed biomass and microbial lipids as a source of biofuel -- Chapter 7: Microbial Biofuels: an economic

and eco-friendly approach -- Chapter 8: Biofuels: sources, modern technology developments and views on bioenergy management -- Chapter 9: Integrating omics and microbial biotechnology for the production of Biofuel -- Chapter 10: An Overview on Biomass of Bamboo as a Source of Bioenergy -- Chapter 11: Advances and challenges in sugarcane biofuel development. .

Sommario/riassunto

The depletion of petroleum-derived fuel and environmental concerns have prompted many millennials to consider biofuels as alternative fuel sources. But completely replacing petroleum-derived fuels with biofuels is currently impossible in terms of production capacity and engine compatibility. Nevertheless, the marginal replacement of diesel with biofuel could delay the depletion of petroleum resources and abate the radical climate change caused by automotive pollutants. Energy security and climate change are the two major driving forces for worldwide biofuel development, and also have the potential to stimulate the agro-industry. The development of biofuels as alternative and renewable sources of energy has become critical in national efforts towards maximum self-reliance, the cornerstone of our energy security strategy. At the same time, the production of biofuels from various types of biomass such as plants, microbes, algae and fungi is now an ecologically viable and sustainable option. This book describes the biotechnological advances in biofuel production from various sources, while also providing essential information on the genetic improvement of biofuel sources at both the conventional and genomic level. These innovations and the corresponding methodologies are explained in detail.

3. Record Nr. UNINA9910520086903321

Titolo	Fungal Extracellular Vesicles : Biological Roles / / edited by Marcio Rodrigues, Guilhem Janbon
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-83391-7
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (193 pages)
Collana	Current Topics in Microbiology and Immunology, , 2196-9965 ; ; 432
Disciplina	579.5
Soggetti	Fungi Mycology Microbiology Industrial microbiology Industrial Microbiology Micologia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface -- Foreword -- Chapter 1. Biogenesis of Fungal Extracellular Vesicle: what do we know? -- Chapter 2. Lessons learned from studying Histoplasma capsulatum extracellular vesicles -- Chapter 3. Current Status on Extracellular Vesicles from the Dimorphic Pathogenic Species of Paracoccidioide -- Chapter 4. Extracellular vesicles from Sporothrix yeast cells -- Chapter 5. Filamentous Fungi Extracellular Vesicles -- Chapter 6.Extracellular vesicles and the propagation of yeast prions -- Chapter 7. Contributions of Extracellular Vesicles to Fungal Biofilm Pathogenesis -- Chapter 8.Fungal extracellular vesicles in interkingdom communication -- Chapter 9. Interactions of extracellular vesicles from pathogenic fungi with innate leukocytes -- Chapter 10. Fungal extracellular vesicles as a potential strategy for vaccine development -- Chapter 11. Current microscopy strategies to image fungal vesicles: from the intracellular trafficking and secretion to the inner structure of isolated vesicles -- Chapter 12. Proteomic characterization of EVs in non-pathogenic yeast cells.

Sommario/riassunto

This book provides an in-depth overview on the manifold functions of fungal extracellular vesicles (EV) which span from cell-to-cell communication, pathogenicity and stimulation of host’s immunity to export of hundreds of biomolecules. The book summarizes the present knowledge on the impact of extracellular vesicles on fungal biology. Extracellular vesicles participate in fundamental biological processes in all living cells but only during the last 15 years the production and functions of EVs were identified and studied in fungal species too. Up to date more than 50 independent studies have shown that extracellular vesicles are produced by at least 20 fungal species. The book addresses researchers and advanced students in Microbiology, Mycology and Biotechnology. .