1. Record Nr. UNINA9910457663903321

Titolo	Professional practice for foundation doctors [[electronic resource] /] / editors, Judy McKimm and Kirsty Forrest
Pubbl/distr/stampa	Exeter [England], : Learning Matters, 2011
ISBN	1-283-36297-X 9786613362971 0-85725-286-0
Descrizione fisica	1 online resource (336 p.)
Collana	Becoming tomorrow's doctors
Altri autori (Persone)	McKimmJudy ForrestKirsty
Disciplina	610.695
Soggetti	Medicine - Practice - Great Britain Electronic books.
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	Titles in the Series; Title; Copyright; Contents; Foreword from the Series Editors; About the Authors; Acknowledgements; Introduction: Generic Aspects of Professional Practice for Foundation Stage and Specialty Doctors; Part 1: Your Professional Development; Chapter 1: An Overview of the Foundation Programme; Chapter 2: Developing Effective Approaches to Learning During Foundation Training; Chapter 3: Understanding Yourself; Chapter 4: Planning Your Career Development; Part 2: Putting the Patient First and Improving Services; Chapter 5: Clinical Governance and Quality Improvement Chapter 6: Patient SafetyChapter 7: Relationship Building with Patients and Carers; Chapter 8: Breaking Bad News and Handling Emotion; Chapter 9: Promoting Health and the Social Context of Healthcare; Part 3: Management, Legal and Ethical Frameworks; Chapter 10: Health Management Systems; Chapter 11: Principles of Medical Ethics and Confidentiality; Chapter 12: The Legal Framework of Medical Practice; Part 4: Working Collaboratively; Chapter 13: Collaboration and Interprofessional Working; Chapter 14: Leadership and Management Skills; Part 5: Teaching and Research Skills Chapter 15: Learning and TeachingChapter 16: Research Skills; Part 6:

	Working Effectively as a Professional; Chapter 17: Managing Your Time and Workload; Chapter 18: Self-management; Chapter 19: Becoming a Medical Professional: Change, Lifelong Learning and Professional Development; References; Index
Sommario/riassunto	A comprehensive textbook covering key generic aspects (non-clinical knowledge, skills and competences) of training for doctors currently on or about to enter the Foundation Stage.

2. Record Nr. UNINA9910841855603321

Titolo	Roots, Tubers, and Bulb Crop Wastes: Management by Biorefinery Approaches / / edited by Ramesh C Ray
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9982-66-9
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (376 pages)
Disciplina	628.74
Soggetti	Agricultural biotechnology Microbiology Biochemistry Agricultural Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1 Roots, tubers, and bulb crops wastes: residue utilization for industrial biotechnology -- Chapter 2 Biovalorization of potato peel waste: an overview -- Chapter 3 Potato peel enrichment in functional food and feed -- Chapter 4 Management of potato peel waste through biorefinery approaches -- Chaapter 5 Bioprocessing cassava bagasse. part i. bioproducts and biochemicals -- Chapter 6 Bioprocessing of Cassava Bagasse: Part II.Potential for Renewable Biofuels -- Chapter 7 Bio-Valorization of Sweet Potato Bagasse into Food Additives, Feeds, and Fuels -- Chapter 8 Yams and Aroid Crop Waste: Bio Valorization into Bioproducts and Platform Chemicals -- Chapter 9 Valorization of Carrot and Turnip Processing Wastes and By-Products -- Chapter 10

Sugar Beet Waste as Substrate for Microbial Production of Food Ingredients -- Chapter 11 Valorization of Beetroot Waste for Extraction of Natural Dye for Textile and Food Applications -- Chapter 12 Valorization of Jerusalem Artichoke and its Crop Residues Using Green Technologies -- Chapter 13 Onion Solid Waste as A Potential Source of Functional Food Ingredients -- Chapter 14 Biovalorization of Garlic Waste to Produce High-Added Value Products -- Chapter 15 - Life cycle assessment of valorization of root and tuber crop wastes for bio-commodities and biofuels- Cassava as a case study -- Chapter 16 Prospective for Biorefineries Development from Roots, Tubers, and Bulb Crop Wastes and Byproducts—Value Addition and Circular Economy.

Sommario/riassunto

This edited book brings forth comprehensive information on the bioprocessing and biovalorization of root (i.e., cassava, sweet potato, yams, and aroids), tuber (i.e., potato, carrot, turnip, artichoke and beet root), and bulb (i.e., onion and garlic) crop wastes into various products and platform chemicals in a biorefinery approach. The non-edible portion of roots, tubers, and bulb crops, after processing (waste), such as peels, skins, pulps, rejects, and unmarketable tubers, account for about 20–40% of the total weight of the fresh produce. Tropical tuber crops such as cassava, yams, aroids, and sweet potato generate bagasse, the byproduct of the starch processing industry, which contains about 30–50% starch and fibrous materials on a dry weight basis. Similarly, the husk is the leading waste from onion and garlic processing. The amount of waste and byproducts of potato industry is estimated to be around 12–20% of their total production. These wastes pose increasing disposal and potentially severe pollution problems and represent a loss of valuable biomass and nutrients. Roots, tubers, and bulb wastes usually have a composition of sugar, starch, proteins, phenolic phytochemicals, fibers, and minerals. Therefore, they should not be considered as “wastes” but raw materials for other industrial processes in the biorefinery approach. These wastes provide conditions amenable for the growth of microorganisms and opens up great opportunities for their reuse in fermentation processes to develop value-added bioproducts such as enzymes, single-cell proteins, bio-absorbents, phenolic bioactive compounds, aroma and flavor compounds, organic acids, and biofuels. This book fills the gap in literature about the processes and by-products. The book is composed of 16- chapters deep diving into valorization and bioprocessing of a range of tuber crop waste. The book explores these processes in 11 different crops and highlights the life cycle assessment as well as highlights the opportunities about commercialization of technologies used in bioprocessing and bio-valorization of root crop waste. The processes explained in the book are rooted in the principles of circular economy. This book is of interest to teachers, researchers, environmentalists, bio-based industrialist, and policymakers.