Record Nr. UNINA9910810214803321 Coffee: emerging health effects and disease prevention / / Yi-Fang **Titolo** Chu, editor Pubbl/distr/stampa Ames, Iowa, : IFT Press, 2012 **ISBN** 1-119-94987-4 1-283-45409-2 9786613454096 1-119-94989-0 1-119-94986-6 Edizione [1st ed.] Descrizione fisica 1 online resource (354 p.) Collana IFT Press series Altri autori (Persone) ChuYi-Fang Disciplina 633.73 Soggetti Coffee - Health aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali "A John Wiley & Sons, Ltd., publication." Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Coffee Emerging Health Effects and Disease Prevention; Contents: Preface: List of Contributors: List of Abbreviations; Acknowledgement: 1 Introduction: 1.1 Coffee-a popular beverage: 1.2 Coffee from a nutritional perspective; 1.3 Potential beneficial effects of coffee; 1.4 Limitations to the beneficial effects; 1.5 History; 1.6 Coffee production worldwide: 1.7 Coffee processing: formation and fate of bioactive compounds; 1.7.1 Green bean processing, storage, and transport; 1.7.2 Blending; 1.7.3 Roasting; 1.7.4 Grinding; 1.7.5 Packaging and storage; 1.7.6 Decaffeination 1.7.7 Soluble coffee production 1.8 New processes to optimize the health benefits of coffee; 1.8.1 Enhancement with mannooligosaccharides; 1.8.2 Use of green bean extracts; 1.8.3 Afterroast blending for enhanced antioxidative properties; 1.8.4 Stomachfriendly coffee; 1.9 Coffee preparation; 1.9.1 Boiled coffee; 1.9.2 Cafeti ere or French press coffee; 1.9.3 Filter coffee; 1.9.4 Espresso; 1.9.5 Moka (mocha); 1.9.6 Percolated coffee; 1.9.7 Soluble coffee; 1.9.8 Liquid coffee; 1.9.9 Single-serve coffee machines; 1.10 Coffee beverages and specialties; 1.11 Coffee consumption; 1.12 Conclusions AcknowledgmentsReferences; 2 Coffee Constituents; 2.1 Introduction;

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Sommario/riassunto

Coffee: Emerging Health Benefits and Disease Prevention presents a comprehensive overview of the recent scientific advances in the field. The book focuses on the following topics: coffee constituents; pro- and antioxidant properties of coffee constituents; bioavailability of coffee constituents; health benefits and disease prevention effects of coffee; and potential negative impacts on health. Multiple chapters describe coffee's positive impact on health and various diseases: type 2 diabetes; neurodegenerative diseases (Parkinson's and Alzheimer's); cancer (prostate, bladder, pancreat