

1. Record Nr.	UNINA9910349503203321
Titolo	Food Tech Transitions : Reconnecting Agri-Food, Technology and Society // edited by Cinzia Piatti, Simone Graeff-Hönninger, Forough Khajehei
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-21059-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (186 pages)
Disciplina	664
Soggetti	Food—Biotechnology Technology—Sociological aspects Agriculture Food Science Science and Technology Studies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Part I -- Novel food technologies and their acceptance -- Overview on the food industry and its advancement -- Post-harvest treatments and related food quality -- Nutritional and industrial relevance of particular Neotropical pseudo-cereals -- The demand for superfoods – consumer’s desire, production viability and bio-intelligent transition -- Part II -- Altering production patterns in the food industry: 3D food printing -- Food consumption and technologies -- Technologies at the crossroads of food security and migration -- Corporate responsibility in a transitioning food environment: truth-seeking and truth-telling -- Conclusion.
Sommario/riassunto	Technological innovation has been one of the driving forces behind all major shifts in production and consumption patterns. The food industry, predicated on technology and continuous innovation, is now entering a transition age, as scientific advancements restructure what people eat and how people think about food. The editors of Food Tech Transitions provide a critical analysis of food technology and its impact, including the disruption potential of production and consumption logic,

nutrition patterns, agronomic practices, and the human, environmental and animal ethics that are associated with technological change. The book is designed to integrate knowledge about food technology within the social sciences and a wider social perspective. Starting with an introductory section, which provides an overview of the technological and ecological changes currently shaping the food industry and society at large, the book tackles recent advancements in food processing, preserving, distributing and meal creation through the lens of wider social issues, while also analyzing the implications and challenges brought on by rapid change. Section 1 provides an overview of the changes in the industry and its (often uneven) advancements, as well as related social, ecological and political issues. Section 2 addresses the more subtle sociological questions around production and consumption through case-studies. Section 3 embraces a more agronomic and wider agricultural perspective, questioning the suitability and adaptation of existing plants and resources for novel food technologies. Section 4 investigates nutrition-related issues stemming from altered dietary patterns. Finally, Section 5 addresses ethical questions related to food technology and the sustainability imperative in its tripartite form (social, environmental and economic). The editors have designed the book as an interdisciplinary tool for academics and policymakers working in the food sciences and agronomy, as well as other related disciplines. .
