1. Record Nr. UNINA9910619462203321

Autore	Conde Silvia V
Titolo	Impact of Diet Composition on Insulin Resistance
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2022
ISBN	3-0365-5406-8
Descrizione fisica	1 online resource (236 p.)
Soggetti	Biology, life sciences Food & society Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Insulin resistance is a key player in the pathology of cardiometabolic diseases - obesity, hypertension, dyslipidaemia, type 2 diabetes and NAFLD. These diseases are commonly associated with a peripheral insulin resistance, but an important role of insulin is played at brain circuitries that control food behaviour and autonomic activity. Brain insulin resistance is also associated with cognition impairment and Alzheimer Disease and other neurodegenerative diseases. Disruptions in diet composition, e.g. hypercaloric diets, and patterns, as well as nutritional status contribute to the genesis of insulin resistance. In contrast, hypocaloric diets, different feed regimens and some nutrients have beneficial impacts on insulin resistance and disease development. This special issue "Impact of diet composition on insulin resistance" is developed to compile studies that highlight the beneficial or deleterious impact of different nutritional plans on insulin sensitivity and metabolism and that unravel mechanistic links between diet composition and nutritional status and the development of insulin resistance, both periphery and centrally.

2. Record Nr. UNINA9910566482403321

Autore	Macedo Maria Filomena
Titolo	Application of Biology to Cultural Heritage
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (228 p.)
Soggetti	Biochemistry Biology, life sciences Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book compiles the Special Issue of Applied Sciences, entitled "Application of Biology to Cultural Heritage", and aims to cover all the latest outstanding progress on the biological and biochemical methods developed and applied to cultural heritage.Eleven excellent papers (including both reviews and full research articles) form part of this book and each paper went through a hard and demanding review in order to ensure maximum quality. We do thank all the reviewers for their efforts which are so crucial for the improvement of the now-published papers. In the field of cultural heritage, biodiversity and biodeterioration have received a great deal of research attention in recent years. This book intends to provide a comprehensive examination of the science of biology in various fields and areas, as well as its practical application for the preservation of cultural heritage. Full research articles and reviews on all aspects of biological causes, modes of action, biocidal treatments, and the protection of cultural heritage are here presented, as well as long-term studies on the biodeterioration of cultural heritage sites and monuments.Analyses and tests of macro- and micro-organisms affecting the preservation of cultural heritage are also addressed.The knowledge that has arisen from the papers published on the studies on new techniques and new products applied to the field of cultural heritage may now be translated into new conservation and

restoration treatments in similar objects, sites and supports. This was the main goal and it was achieved in a mission that we carried out with great pleasure and dedication.