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   Sommario/riassunto   In the past decade there has been a major sea change in the way
                                 disease is diagnosed and investigated due to the advent of high
                                 throughput technologies, such as microarrays, lab on a chip,
                                 proteomics, genomics, lipomics, metabolomics etc. These advances
                                 have enabled the discovery of new and novel markers of disease
                                 relating to autoimmune disorders, cancers, endocrine diseases, genetic
                                 disorders, sensory damage, intestinal diseases etc. In many instances
                                 these developments have gone hand in hand with the discovery of
                                 biomarkers elucidated via traditional or conventional methods, such as
                                 histopathology or clinical biochemistry. Together with microprocessor-
                                 based data analysis, advanced statistics and bioinformatics these
                                 markers have been used to identify individuals with active disease or
                                 pathology as well as those who are refractory or have distinguishing
                                 pathologies. New analytical methods that have been used to identify
                                 markers of disease and is suggested that there may be as many as 40
                                 different platforms. Unfortunately techniques and methods have not
                                 been readily transferable to other disease states and sometimes

diagnosis still relies on single analytes rather than a cohort of markers. There is thus a demand for a comprehensive and focused evidenced-based text and scientific literature that addresses these issues. Hence the formulation of Biomarkers in Disease. The series covers a wide number of areas including for example, nutrition, cancer, endocrinology, cardiology, addictions, immunology, birth defects, genetics, and so on. The chapters are written by national or international experts and specialists.