1. Record Nr. UNINA9910455941703321

Titolo Global strategies for disease detection and treatment [[electronic

resource] ]: proteomics / / quest editor Sam Hanash; foreword by

Sudhir Srivastava and Sam Hanash

Pubbl/distr/stampa Amsterdam, : International Organisations Services, 2001

ISBN 1-280-50548-6

9786610505487 600-00-0441-9 1-60129-430-1

Descrizione fisica 1 online resource (115 p.)

Collana Disease markers, , 0278-0240 ; ; v17 ; no. 4 ; 2001

Altri autori (Persone) SrivastavaSudhir <1954->

HanashSamir M

Disciplina 572.6

Soggetti Proteomics

Proteins - Structure Protein binding Gene expression DNA microarrays

Post-translational modification

Electronic books.

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Note generali Special issue.

Nota di contenuto Cover: Foreword: Global Strategies for Disease Detection and

Treatment: Proteomics; Proteome analysis - A novel approach to understand the pathogenesis of Type 1 diabetes mellitus; Proteomic-based approach for the identification of tumor markers associated with hepatocellular carcinoma; The application of protein microarrays to serum diagnostics: Prostate cancer as a test case; Protein expression analysis: From 'tip of the iceberg' to a global method; Analysis of the proteomic profiling of brain tissue in Alzheimer's disease; Proteomics

and the inner ear

Proteomics as the tool to search for lung disease markers in

bronchoalveolar lavagePseudomonas aeruginosa and a proteomic

approach to bacterial pathogenesis; A proteomic approach to the identification of lung cancer markers; Proteomic patterns of nipple aspirate fluids obtained by SELDI-TOF: Potential for new biomarkers to aid in the diagnosis of breast cancer; Author Index Volume 17 (2001); Keyword Index Volume 17 (2001)

## Sommario/riassunto

The field of proteomics holds great promise for identifying non-targeted, global molecular profiles ""signatures"" of normal and diseased cells. This work shows that strategies based on the separate analysis of subcellular compartments provide the means to determine protein location in a cell.