

1. Record Nr.	UNINA9910786070203321
Titolo	Advances in clinical chemistry and laboratory medicine [[electronic resource]] / / edited by Harald Renz and Rudolf Tauber
Pubbl/distr/stampa	Berlin ; ; Boston, : De Gruyter, c2012
ISBN	1-283-85680-8 3-11-022464-X
Descrizione fisica	1 online resource (164 p.)
Classificazione	YV 3300
Altri autori (Persone)	RenzH (Harald) TauberRudolf
Disciplina	616.075
Soggetti	Clinical chemistry Diagnosis, Laboratory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A selection of papers ... delivered at the IFCC WorldLab/EuroMedLab Congress in Berlin, Germany, on May 15-19, 2011.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Preface -- Table of Contents -- Authors Index -- 1 Plenary Articles -- 1.1 Proteomics strategies targeting biomarkers for cardiovascular disease / Scholten, Arjen / Heck, Albert J.R. -- 1.2 Influence of pre-examination aspects on result's validity - are ISO 15189 requirements sufficient and clear? / Šprongl, Ludk -- 1.3 Posttranslational modifications in tumor diagnosis / Nollau, Peter / Wagener, Christoph -- 1.4 Chronic inflammatory disease: a result of complex gene-environment interaction / Renz, Harald / Pfefferle, Petra Ina / Garn, Holger -- 2 Symposium Articles -- 2.1 Component-array technology diagnostics: a step forward in the study of the sensitization profile of allergic patients / Acedo Sanz, Juan Manuel -- 2.2 Pediatric metabolic syndrome: pathophysiology and molecular mechanisms / Chemin, Julie / Adeli, Khosrow -- 2.3 Urinary 8-hydroxydeoxyguanosine as a biomarker of microangiopathic complications in type 2 diabetic patients / Fattouh, Amr / Mahmoud, Nermine H. / Atef, Shereen H. / Gaber, Abd El Rahman -- 2.4 Biological variation data: the need for appraisal of the evidence base / Bartlett, William A. -- 2.5 Recovery ELISA - a newly-developed immunoassay for measurement of therapeutic antibodies and the target antigen during antibody therapy / Strohner, Pavel / Sarrach, Dieter / Reich, Jens G. /

Staatz, Antonia / Schäfer, Astrid / Steiß, Jens-Oliver / Häupl, Thomas / Becher, Gunther -- 2.6 Genotypic prediction of HIV-1 tropism from plasma and peripheral blood mononuclear cells in the clinical routine laboratory / Paar, Christian / Geit, Maria / Stekel, Herbert / Berg, Jörg -- 2.7 Expression of a subset of microRNAs in clinically non-functioning pituitary adenomas correlates with tumor size / Butz, Henriett / Likó, István / Czirják, Sándor / Igaz, Péter / Korbonits, Márta / Rácz, Károly / Patócs, Attila -- 2.8 Serological markers of gastric pathology / Caleffi, Alberta -- 2.9 BNP as a biomarker of cardiac impairment in neonates with congenital heart diseases / Cantinotti, Massimiliano / Murzi, Bruno / Storti, Simona / Clerico, Aldo -- 2.10 Are 25-hydroxyvitamin D assays fit for purpose? / Carter, Graham D. -- 2.11 Update on multiple sclerosis / Cross, Anne H. -- 2.12 Microalbuminuria and urinary retinol binding protein as markers of subtle renal injury in visceral leishmaniasis: sensitivity, specificity and predictive values of the immunoturbidimetric technique / Elnojomi, Nuha A.A. / Musa, Ahmed M. / Younis, Brima M. / Elfaki, Mohammed E. / El-Hassan, Ahmed M. / Khalil, Eltahir A. -- 2.13 Occult hepatitis B virus infection: diagnosis and significance / Gerlich, Wolfram Hubert / Schüttler, Christian Gisbert / Glebe, Dieter -- 2.14 Unmet needs in chronic kidney disease testing / Jones, Graham -- 2.15 Towards a national chronic kidney disease testing program / Jones, Graham -- 2.16 Biochemistry and metabolism of vitamin D / Jones, Glenville -- 2.17 Diagnostics of thalassemia / Kaeslin, Martha / Brunner-Agten, Saskia / Huber, Andreas R. -- 2.18 The specific roles of assessors during accreditation / Huisman, Wim -- 2.19 Laboratory diagnosis of hereditary spherocytosis / King, May-Jean -- 2.20 Quantification of blood folate forms using stable-isotope dilution ultra performance liquid chromatography tandem mass spectrometry / Kirsch, Susanne H. / Herrmann, Wolfgang / Obeid, Rima -- 2.21 Evaluation of the new Marburg cerebrospinal fluid model with human spondylopathies / Kleine, Tilmann Otto / Löwer, Christa / Bien, Siegfried / Lehmitz, Reinhardt / Dorn-Beineke, Alexandra -- 2.22 E-learning experiences of national societies of clinical chemistry and laboratory medicine / Kocna, Petr -- 2.23 The experience of Médecins Sans Frontières in laboratory medicine in resource-limited settings / Kosack, Cara S. -- 2.24 Screening, identifying, and quantifying small molecules by hyphenated mass spectrometry in toxicology and drug monitoring - an update / Maurer, Hans H. -- 2.25 Analytical quality in the Latin America area / Migliarino, Gabriel Alejandro -- 2.26 Standardization in molecular diagnostics: definitions and uses of nucleic acid reference materials / Payne, Deborah A. / Rousseau, François / Mamotte, Cyril D.S. / Gancberg, David / Schaik, Ron H.N. van / Schimmel, Heinz / Pazzagli, Mario -- 2.27 Profiling of antiphospholipid antibodies - association with cerebrovascular events in APS / Roggenbuck, Dirk -- 2.28 Plasma levels of soluble CD30 and CD40L in pediatric patients after liver transplantation / Shevchenko, Olga P. / Tsurulnikova, Olga M. / Gichkun, Olga E. / Kurabekova, Rivada M. / Ammosov, Aleksandr A. / Gautier, Sergey V. -- 2.29 Diagnostic and prognostic value of presepsin (soluble CD14 subtype) in emergency patients with early sepsis using the new assay PATHFAST presepsin / Spanuth, Eberhard / Ebelt, Henning / Ivandic, Boris / Werdan, Karl -- 2.30 Diagnostic workup of primary aldosteronism / Stowasser, Michael -- 2.31 What should the clinical laboratory and the toxicologist-pharmacologist offer the poisoned patient? / Uges, Donald R.A. -- 2.32 Novel aspects of the von Willebrand factor - platelet glycoprotein IB interaction and signaling / Walter, Ulrich / Gambaryan, Stepan / Herterich, Sabine / Lohmann, Suzanne M. -- 2.33 Medical emergencies: what is the laboratory's role?

/ Young, Donald S.

Sommario/riassunto

Im Mai 2011 fand in Berlin der Weltkongress WorLdMedLab und Euromedlab mit ca. 5.000 Teilnehmern statt. Der von den Kongresspräsidenten Prof. Renz und Prof. Tauber herausgegebene Proceedingsband enthält Beiträge zu allen Plenar- und Symposiumsbeiträgen. Hochrangige Beiträger spiegeln das aktuelle Wissen zu Themenschwerpunkten wie neurologische Erkrankungen in einer alternden Gesellschaft, Tumore, organspezifische Funktionsstörungen und die Zukunft der Labormedizin wider. This volume comprises the invited plenary lectures and contributed papers presented at the WorldMedLab and the EuroMedLab in Berlin, May 2011 with more than 5.000 participants. The contributions in this volume provide a valuable and wide-ranging overview of current research in Laboratory Medicine and cognate disciplines. Special focus is given to Aging Society (neurological diseases), Tumors, Organ specific dysfunctions and Future of Laboratory Medicine.