



Jadranka Sertić *et al.*

Clinical Chemistry and Molecular Diagnostics in Clinical Practice, 2nd Edition

Medicinska naklada, 2015

Zagreb, Croatia

Hard cover, 21x27, 713 Pages

ISBN 978-953-176-655-5

'Clinical Chemistry and Molecular Diagnostics in Clinical Practice is the second edition of the university textbook for medical students, which brings information on exact analysis in clinical practice, as well as in-depth approach to the processes, diagnostic methods and therapeutic effects at biochemical and molecular level. It clearly demonstrates how clinical chemistry and molecular diagnostics are applied in clinical practice.

Experts from various fields of clinical and laboratory practice have organized the book in 12 chapters, as follows: 1) Clinical Chemistry, Molecular Diagnostics and Laboratory Medicine; 2) Laboratory Diagnostics of Most Common Metabolic Diseases, Cardiac and Neurological Disorders; 3) Selected Topics from Molecular Diagnostics of Neurological Diseases; 4) Laboratory Diagnostics of Immunological and Lung Diseases; 5) Laboratory Diagnostics of Kidney Diseases; 6) Laboratory Diagnostics of Liver and Pancreas Diseases; 7) Selected Topics from Laboratory Endocrinology; 8) Selected Topics from Oncology of Solid Tumors and Laboratory Diagnostics; 9) Laboratory Diagnostics of Hematologic Diseases and Disorders of Hemostasis; 10) Laboratory Diagnostics of Psychiatric Disorders; 11) Laboratory Toxicology, Pharmacology and Nutrition; and 12) Laboratory Medicine – Selected Examples of Laboratory Results.

Due attention is paid to molecular diagnostics, which has recently become an integral part of modern medicine, found in international guidelines for diagnostics and therapy. Data obtained from the World Health Organization show that around 80% of diagnoses are made on the basis of laboratory tests.

The book is comprehensive, systematic and well organized. It is based on the multidisciplinary approach and therefore offers not only an important source of knowledge for university students, but also a useful tool for experts from numerous specialties and subspecialties to improve their clinical practice.

