



ELSEVIER

Contents lists available at ScienceDirect

Clinica Chimica Acta

journal homepage: www.elsevier.com/locate/cca

Book review

A.M. Gressner, T. Arndt. (Eds.), Lexikon der medizinischen Laboratoriumsdiagnostik, Springer-Verlag, Berlin Heidelberg (2018). 3 Auflage. (ISBN: 978-3-662-48985-7, 2556 pages)

The third edition of this impressive lexicon (in German) contains contributions from 53 leading German experts. In comparison to the two previous single-volume editions (published in 2007 and 2013), the lexicon has now been updated and expanded to a 3 - volume reference work. This expansion (2556 pages as compared to 1451 pages in the second edition) has allowed to further broaden the scope and to extend the amount of information per item. All items are described concisely following a systematic structure covering synonyms, the English translation of the term, the definition, analytical and medical aspects. Not less than 8800 key words have been addressed which cover the world of laboratory in its broadest sense. From basic science (e.g. mathematics, statistics, analytical chemistry, physics, physiology, molecular biology, molecular and cellular aspects of disease) to laboratory organisation (e.g. pre-analytical issues, quality control, informatics) and test interpretation. The work covers a very broad spectrum of clinical laboratory tests: biochemistry, (immuno)haematology,

therapeutic drug monitoring, immunology, infectious serology, molecular biology, toxicology and virology. Even historical footnotes and information regarding current laboratory medicine organisations are provided. The text is supported by 730 figures and 386 tables. Literature references allow a quick access to further literature. In parallel to the printed and the e-book versions, there is also an online version, which will be updated on a continuous basis.

This book is well suited for laboratorians and clinicians who want to maintain a broad overview of modern laboratory medicine. In particular students of various biomedical disciplines and medical technical assistants will benefit from the relevant information compiled in this lexicon since it is much more than just an explanatory dictionary: the well-structured text format allows to read a good summary on many topics, which makes the work excellently useful for study purposes. This unique book is indispensable in institutional clinical laboratory medicine libraries where German is spoken or understood.

Joris R. Delanghe,
*Department of Clinical Chemistry, Ghent University Hospital, C.
Heymanslaan 10, B-9000 Gent, Belgium*
E-mail address: joris.delanghe@ugent.be.