

Contents

Molecular-Genetic and Cytogenetic Diagnostics

Edited by: H.-G. Klein

Yasemin Dincer, Julian Schulz, Sandra Wilson,
Christoph Marschall, Monika Y. Cohen, Volker Mall,
Hanns-Georg Klein and Sebastian H. Eck
**Multiple Integration and Data Annotation Study
(MIDAS): improving next-generation sequencing data
analysis by genotype-phenotype correlations — 1**

Theo F.J. Kraus

**Emergence of exosomal DNA in molecular
neuropathology — 9**

Sayed R. Hosseini-Fard, Mohsen Khosravi,
Amaneh Yarnazari, Parisa Hassanpour, Abdollah
Amirfarhangi, Nader Tajik, Faezeh Nourabad-Ghahroodi
and Mohammad Najafi
**ATF3 and EGR2 gene expression levels in sdLDL-
treated macrophages of patients with coronary
artery stenosis — 23**

Clinical Chemistry and Metabolism

Edited by: W. März

Mehmet Asil, Ramazan Dertli, Murat Biyik, Ramazan
Yolacan, Ozcan Erel, Salim Neselioglu, Huseyin Ataseven,
Hakkı Polat and Ali Demir
**Dynamic thiol-disulfide homeostasis is disturbed in
patients with non-alcoholic fatty liver disease — 31**

Endocrinology

Edited by: Martin Bidlingmaier/Jürgen Kratzsch

Somayeh Rahimi, Faranak Kazerouni, Mehdi Hedayati,
Mehr Ali Rahimi, Ali Rahimipour, Marjan Zarif Yeganeh
and Mehrnoosh Shanaki
**Association of plasma ghrelin levels with diabetic
nephropathy — 39**

Inflammation and Sepsis

Edited by: P. Fraunberger

Nevin Ilhan, Solmaz Susam, Tuba Parlak Ak
and Burcu Gul Baykalir
**The antiinflammatory effect of *Ginkgo biloba* in
lipopolysaccharide-induced rat sepsis model — 45**

Original Article

Teja Fabjan, Eda Vrtačnik-Bokal, Kristina Kumer
and Joško Osredkar
**Determination of oxidative stress balance
in follicular fluid — 51**

Letters to the Editor

Christof Winter, Thomas Ganslandt and Andreas
Bietenbeck
**No mathematical shortcuts for standardization
or harmonization of laboratory measurements — 59**

Georg Hoffmann, Frank Klawonn, Ralf Lichtinghagen
and Matthias Orth
Letter to the editor by Winter et al.: Reply — 63