INTERNATIONAL JOURNAL OF MEDICAL BIOCHEMISTRY



ORIGINALS

Evaluation of analytical performance specifications of routine clinical biochemistry tests with biological variation-based total allowable error (TEa) criteria Cakmak O et al.

Association of tumor necrosis factor-alpha G-308 a polymorphism with inflammatory markers and lipid profile in coronary heart disease Patil SM et al.

Comparison of neutrophil-to-lymphocyte, platelet-to-lymphocyte, and monocyte-to-lymphocyte ratios in patients with schizophrenia, bipolar disorder, and major depressive disorder

Reduced ferritin, folate, and vitamin B12 levels in female patients diagnosed with telogen effluvium Yorulmaz Ertug E et al.

INVITED REVIEW

Gut microbiota and metabolism Ilhan N.

LETTERS

The linearity problem of protein measurement and hook effect in albumin measurement from body fluids Ellidag HY.

Comments on the article "Unexpected laboratory results in cold agglutinin disease" La Gioia A.







EDITOR-IN-CHIEF DILDAR KONUKOGLU

Istanbul University, Cerrahpaşa Faculty of Medicine

ASSOCIATE EDITORS NECIP ILHAN

Firat University, Faculty of Medicine

ASIM OREM

Karadeniz Technical University, Faculty of Medicine

E. CUNEYT CANBULAT

General Manager of KBUDEK External Quality Control Programme

PUBLISHING MANAGER DILDAR KONUKOGLU

Istanbul University, Cerrahpaşa Faculty of Medicine

PUBLISHING MANAGER ASSISTANT FIKRET TALU

Secretary of Association of Clinical Biochemistry Specialists

SCIENTIFIC ADVISORY BOARD

KHOSROW ADELI, Canada EVIN ADEMOGLU, Istanbul, Turkey

HALIDE AKBAS, Antalya, Turkey

ANGELO AZZI, USA

ETIENNE CAVALIER, Belgium

KAYA EMERK, Istanbul, Turkey

KYM FRANCIS FAULL, USA

AMITAVA DASGUPTA, Huston, USA

UZAY GÖRMÜŞ DÉGRIGO, İstanbul, Turkey

NEVIN ILHAN, Elazig, Turkey

FERRUH K. ISMAN, Istanbul, Turkey

HUSEYIN KAYADIBI, Corum, Turkey

GABOR L. KOVACS, Hungary

MINE KUCUR, Istanbul, Turkey

ISHAK OZEL, Zonguldak, Turkey

MAURO PANTEGHINI, Milano

JORGE SEPULVEDA, New York, Italy

MUHITTIN SERDAR, Istanbul, Turkey
ANA-MARIA SIMUNDIC, Croatia
DOUGLAS THOMPSON, UK
TOMRIS OZBEN TOMASI, Antalya, Turkey
TURAN TURHAN, Ankara, Turkey
SUKRU ULUSOY, Trabzon, Turkey
ALEXANDER ZOUGMAN, UK

VOLUME 2 ISSUE 1 YEAR 2019

The Owner and Publishing Manager on behalf of the Association of Clinical Biochemistry Specialists (Klinik Biyokimya Uzmanları Derneği)

PROF. DILDAR KONUKOGLU

Address: Maslak Mah. AOS 55. Sok. No: 2, 42 Maslak A

Phone: Blok Daire: 23 | Sariyer, İstanbul-Türkey

Fax: +90 212 241 26 53 e-mail: +90 212 241 26 54 web: www.kbud.org.tr info@kbud.org.tr

International Journal of Medical Biochemistry is a peer-reviewed journal published triannually.

Materials published in the Journal is covered by copyright 2018. All rights reserved.

This publication is printed on paper that meets the international standard ISO 9706:1994.

National Library of Medicine (USA) recommends the use of permanent, acid-free paper in the production of biomedical literature.



Publisher: KARE PUBLISHING Address: Concord İstanbul Dumlupınar

Mah., Yumurtacı Abdi Bey Cad. Cihan Sok. No: 15, B Blok Da: 162 Kat: 21, Kadıköy, İstanbul,

Phone: +90 216 550 61 11
Fax: +90 212 550 61 12
e-mail: info@karepb.com
web: www.kareyayincilik.com

Yayın Turu: Uluslararası Sureli Basım Tarihi: Ocak 2019 Basım Adedi: 250 Basım: Filmevi



CONTENTS VOLUME I ISSUE III YEAR 2018

ORIGINAL ARTICLES

Evaluation of analytical performance specifications of routine clinical biochemistry tests with biological variation-based total allowable error (TEa) criteria	•
Cakmak O., Altun Z., Nurlu Ayan N91	
Association of tumor necrosis factor-alpha G-308 a polymorphism with inflammatory markers and lipid profile in coronary heart disease Patil S.M., Bankar M.P., Padalkar R.K. Comparison of neutrophil-to-lymphocyte, platelet-to-lymphocyte, and monocyte-to-lymphocyte ratios in patients with schizophrenia, bipolar disorder, and major depressive disorder	99
Reduced ferritin, folate, and vitamin B12 levels in female patients diagnosed with telogen effluvium	
Yorulmaz Ertug E., Yilmaz R.A.	
INVITED REVIEW	
Gut microbiota and metabolism Ilhan N	
LETTER to the EDITOR	
The linearity problem of protein measurement and hook effect in albumin measurement from body fluids	
Ellidag H.Y.	
Comments on the article "Unexpected laboratory results in cold agglutinin disease"	