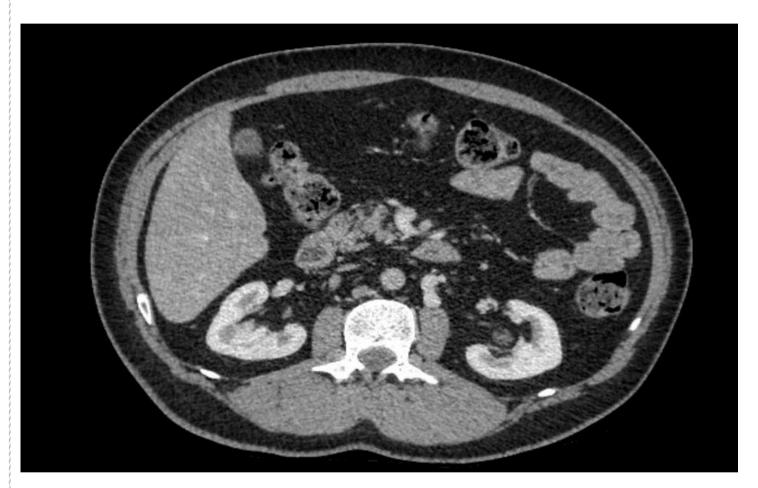
# Medical Science & Discovery



Medical Science and Discovery (http://www.medscidiscovery.com) is an international open access, peer-reviewed scientific research journal that provides rapid publication of articles in all disciplines of human health, clinical and basic medical sciences such as Biophysics, Biochemistry, Histology, Physiology, Genetics, Pathology, Toxicology, Anatomical Sciences, Pharmacology, Embryology, Internal and Surgical Medicine.

The policy of top priority of MSD is to put forward and highlight medical innovations and inspiring patents.

MSD offers an exceptionally fast publication schedule including prompt peer-review by the experts in the field and immediate publication upon acceptance. The editorial board aims at reviewing the submitted articles as fast as possible and promptly including them in the forthcoming issues.

This journal is published under ethical publishing policy of international scientific Bioethics and publication rules.

MSD supports the Open Access Initiative. Abstracts and full texts (HTML and PDF format) of all articles published by MSD are freely accessible to everyone immediately upon publication.

**Indexed Databases:** Chemical Abstracts (CAS), Index Copernicus, Open Air, ULRICHS Database, ProQuest, Advanced Science Index, Turkish Citation Index, Research Bible, Scholar Google, NLM Catalog

Medical Science and Discovery is an international open access, peer-reviewed scientific research journal.

ISSN: 2148-6832 (Print) E-ISSN: 2148-6832 (Online)

Category: Multi Disciplinary Health Science Journal

Abbreviated key title: Med. Sci. Discov.

Frequency: Monthly

Review System: Double Blind Peer Review Circulation: Globally, Online, Printed Article Processing Charge (APC): Free

Licensing: CC-BY-NC 4.0 International License Environmental

Editor-in-Chief: Assoc. Prof. Dr. Dr. Ahmad Rajabzadeh, Anatomical Department of lorestan, University of Medical

Sciences, Tabriz, Iran Established: 30.04.2014

Web address: www.medscidiscovery.com E-mail: editor [at] medscidiscovery.com

Phone: +44 776 090 2125

Design and preparation of PDFs, Language editing, Web site design, Graphical design Services of international Journal of Medical Science and Discovery has been contracted with Lycia Press LONDON, UK (as Publisher), by the MSD Board of Directors

Publisher: Lycia Press London UK.

Address: 3rd Floor 86 - 90 Paul Street, EC2A 4NE, London, UK

Web address: www.lycians.com Phone: +44 776 090 2125 E-mail: office [at] lycians.com E-mail: info [at] lycians.com

# **Honorary Editors**

We are very grateful to our honorary editors for their contribution to science

Prof. Dr. Aziz SANCAR

University of North Caroline, Dept. of Biochemistry-Biophysics, Chapel Hill, NC, USA

E-mail: aziz\_sancar [at] med.unc.edu

Prof. Dr. Giancarlo BAROLAT

Barolat Institute, 1721 E 19th Ave #434, Denver, CO 80218, USA

E-mail: gbarolat [at] verizone.net

Prof. Dr. Joyce REARDON

University of North Caroline, Dept. of Biochemistry-Biophysics, Chapel Hill, NC, USA

E-mail: biocitr [at] gmail.com

Prof. Dr. Metin TULGAR

Yuzuncu Yil University, School of Medicine, Dept. of Biophysics, Van, Turkey

E-mail: prof.tulgar [at] gmail.com

**Editor in Chief** 

Assoc. Prof. Dr. Asghar Rajabzadeh

Anatomical Department, Lorestan University of Medical Sciences, Khorramabad, Iran

E-mail: editor [at] medscidiscovery.com E-mail: dr.a\_rajabzadeh [at] yahoo.com

Phone: +98 938 472 7705

**Deputy Editors** 

Assoc. Prof. Dr. Michael George KEMP

Wright State University, Biological Sciences Bldg II 148, 3640 Colonel Glenn Hwy, Dayton, OH 45435-0001 USA

E-mail: mike.kemp [at] wright.edu

Fax: +1 (937) 775-2614

**Editorial Board Members** 

Prof. Dr. Arash KHAKI, Islamic Azad university, Tabriz branch, Dept. of Pathology, Tabriz Iran

E-mail: arashkhaki [at] yahoo.com

Ph.D. Nezahat Ozlem ARAT, 5380 Avenue du Parc Apt 4, H2V4G7, Montreal, QC, Canada

E-mail: aratzlem[at] gmail.com

Prof. Dr. Nobuo INOTSUME (Vice-president), Hokkaido Pharmaceutical University, Clinical Pharmacology, Hokkaido AC, JAPAN

E-mail: nobuo\_inotsume [at] hokuyakudai.ac.jp

Ph.D. Ozdemirhan SERCIN, Interdisciplinary Research Institute, Université Libre de Bruxelles, Belgium

E-mail: ozdemirhan.sercin [at] gmail.com

Ph.D. Shobhan GADDAMEEDHI, Washington State University College of Pharmacy, Dept. of Experimental and Systems

Pharmacology, Spokane, WA, USA

E-mail: shobhan.gaddameedhi [at] wsu.edu

Ph.D. Younes El Bouzekri EL IDRISSI, Place Aboubakr, Imm 22, App 6, Bd Fal ould oumeir, Agdal Rabat

E-mail: y.elbouzekri [at] gmail.com

Ph.D. Christopher SCHMITT, University of California, San Francisco Cardiovascular Res. Inst. CA, USA

E-mail: schmittce [at] gmail.com

 $M.D.\ Ramesh\ Baradaran\ Bagherir,\ Department\ of\ Obstetrics\ and\ Gynecology,\ School\ of\ Medicine,\ Alborz\ University,\ Alborz,\ Iran$ 

E-mail: R\_Baradaran[at]yahoo.com

Ph.D. Yusuf Kemal DEMIR, Research and Development Scientist, Prinst Pharmaceuticals, North Carolina, USA

E-mail: phdykd [at] gmail.com

Lycia Press Editorial Office

Language Editor Elena JALBA, Reading University, London, UK

E-mail: office [at] lycians.com

# **Contents**

## **Research Article**

The relationship between metabolic stress and Anti-Müllerian hormone (AMH) in women hospitalized in intensive care units Şerif Aksin, Mehmet Yılmaz/ 650-654

Assessment of HPV Vaccine Knowledge Levels Among Medical Faculty Students: A Comprehensive Examination in the Turkish Context

Derya Korkmaz, Hatice Nur Turunç, Yıldırım Alpay Özarslan, Ümmühan İrem Yıldırım, Yusuf Büyükarmutçu, Serkan Dağlı, Barış Manavlı/ 655-661

Assessing the relationship between Tooth Heavy Metal Deposition and Periodontal Disease in Smokers and Non-Smokers Meltem Başaran Acar, Meltem Zihni Korkmaz/ 662-668

Exploring the Interplay of Hypoxia-Inducible Factors: Unveiling Genetic Connections to Diseases Through Bioinformatics Analysis Demet Kivanc Izgi, Suleyman Rustu Oguz/ 669-672

Organ and Cadaver Donation; Student Opinions from Different Cultures.

Asrın Nalbant, Muhammed Bora Uzuner, Nuriye Kurbetli/ 673-683

The Prognostic Nutritional Index in prediction of two-year mortality in patients undergoing Transcatheter Aortic Valve Replacement Murat Oguz Ozilhan, Sadık Kadri Açıkgöz/ 684-689

Total Knee Arthroplasty: The Impact of Tourniquet Usage on Cement Penetration, Operation Time, and Bleeding Control Gökhan Peker, İbrahim Altun/690-695

Exploring Burnout and Depression Among Oncology Physicians: Impacts and Preventive Measures Hüseyin Tepetam/ 696-701

Determination of Lesion Localization with Intraoperative Gamma Probe in the Presence of a Primary Parathyroid Lesion with Early Wash-Out in Radionuclide

Sule Ceylan/702-706

The Impact of B12 Vitamin and Folate Deficiency on Depression Levels in Breast Cancer Patients

Sule Karabulut Gul, Mehmet Alper Kaya, Cem Ata Turkyilmaz, Cihan Dural, Irem Yuksel, Omar Alomari, Raghad Al-Shomali, Huseyin Tepetam, Hakan Levent Gul/707-711

The Effect of Estrogen Hormone on Leptin Receptor in Small Intestine of Ovariectomized Rats Özlem Özden Akkaya, Korhan Altunbaş/712-721

The effects of hematological parameters and anticoagulant/antiaggregant use on surgical outcomes in acute subdural hematoma Tuba Bulduk, Nur Karaaslan/722-726

Demographic Evaluation of Forensic Cases Presented to the Emergency Medicine Clinic of a Tertiary Care Hospital Feruza Turan Sönmez, Umut Yücel Çavuş/727-731

### **Case Report Article**

A rare case of high risk multisystem Langerhans Cell Histiocytosis in infant

Audrey, Kadek Ayu Yani Lastariana, Anak Agung Ngurah Ketut Putra Widnyana, Ketut Ariawati/732-735