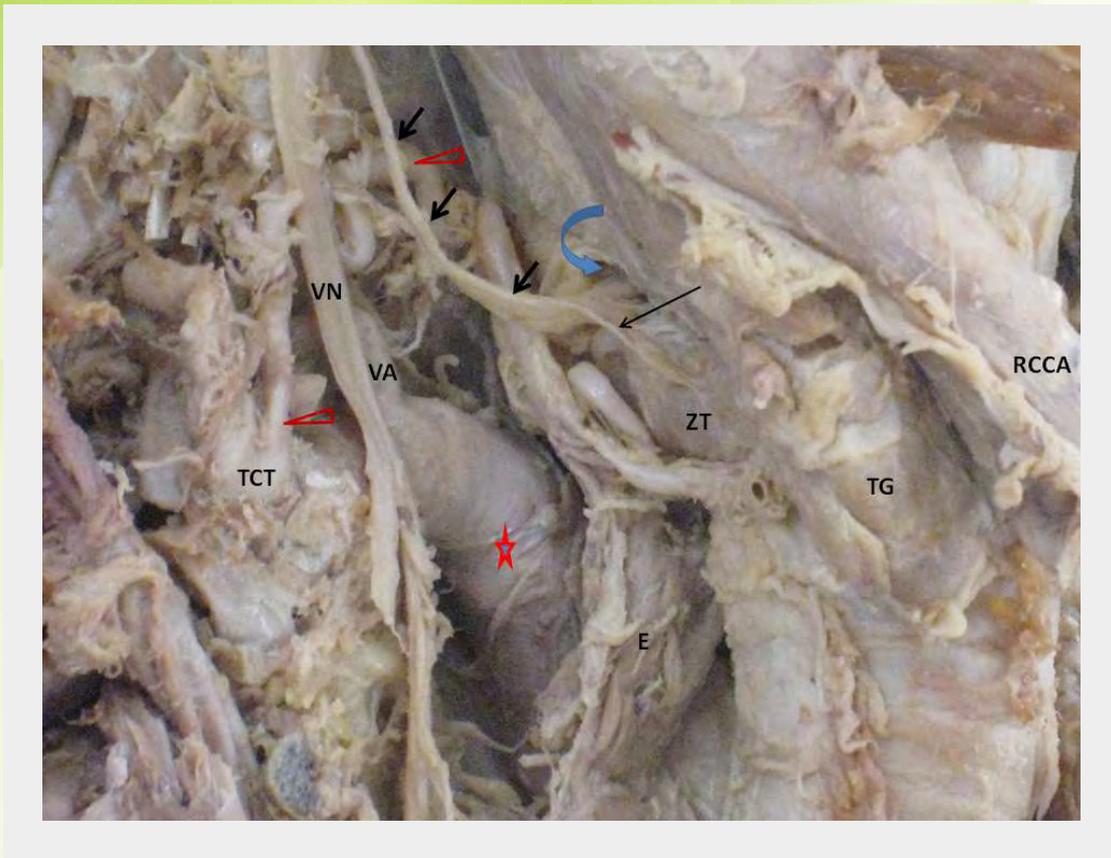


# Forensic Medicine and Anatomy Research



ISSN: 2327-4115



# Journal Editorial Board

ISSN Print: 2327-4115 ISSN Online: 2327-4107

<http://www.scirp.org/journal/fmar>

---

## Editor-in-Chief

**Prof. Bofeng Zhu** Xi'an Jiaotong University, China

## Editorial Board

**Dr. Gyeong-Hun BAEG** National University of Singapore, Singapore

**Prof. Brion Benninger** Western University of Health Sciences, USA

**Dr. Eleazar Chaib** University of Sao Paulo School of Medicine, Brazil

**Prof. Feng Chen** Nanjing Medical University, China

**Dr. Long Chen** Fudan University, China

**Prof. Xinshan Chen** Huazhong University of Science and Technology, China

**Dr. Siddhartha Das** Jawaharlal Institute of Postgraduate Medical Education & Research, India

**Dr. Ang Eng-Tat** National University of Singapore, Singapore

**Prof. Cintia Fridman** University of Sao Paulo, Brazil

**Dr. Gilka J. F. Gattás** Sao Paulo University, Brazil

**Dr. Jianye Ge** Life Technologies, USA

**Dr. Karthik S. Harve** National University of Singapore, Singapore

**Dr. Omid Iravani** National University of Singapore, Singapore

**Dr. Long Jin** Louisiana State University Health Sciences Center in Shreveport, USA

**Dr. Kewal Krishan** Panjab University, India

**Dr. Anand B. Mugadlimath** BLDE University, India

**Dr. George K. Paraskevas** University of Thessaloniki, Greece

**Dr. Sarah Ralte** North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences, India

**Prof. Geoffrey Sperber** University of Alberta, Canada

**Dr. Michael W. Warren** University of Florida, USA

**Dr. Hai Ming Wong** The University of Hong Kong, China

**Dr. Jiangwei Yan** Chinese Academy of Sciences, China

**Dr. Guang Yang** Loma Linda University Medical Center, USA

**Dr. Xiufen Zheng** University of Western Ontario, Canada

## Table of Contents

Volume 3    Number 1

January 2015

|  |    |
|--|----|
| <b>DNA/RNA Degradation Rate in Long Term Fixed Museum Specimens</b>  |    |
| S. Cook, C. Dodge, R. Morgan, G. E. Sandusky.....  | 1  |
| <b>A Quantitative Assessment of the Morphology of the Piriform Aperture as an Indicator of Race</b>                            |    |
| S. Gardner.....  | 7  |
| <b>Surgically Important Relationships of Recurrent and Nonrecurrent Laryngeal Nerves to the Coexisting Variant Vessels</b>     |    |
| N. Eid, Y. Ito, Y. Otsuki.....   | 16 |
| <b>Aberrant Rotator Cuff Muscles: Coexistence of Triple-Tailed Teres Minor and Bi-Formed Infraspinatus (Major and Minor)</b>   |    |
| J. O. Ashaolu, O. O. Abimbola, V. O. Ukwanya, M. A. Thomas.....  | 20 |
| <b>Reply: Anomalous Muscles in Carpal Tunnel Associated with Neurovascular Variation: Case Report and Brief Review</b>         |    |
| K. Yang, H. Lee, J.-H. Lee, I.-J. Choi.....  | 25 |
| <b>Determination of Exposure to Medical and Industrial Toxic Chemicals from Beijing by Human Hair, Nail and Blood Analysis</b> |    |
| G. Yang, D. Kechkeche, H. Belhadj-Tahar, N. Sadeg.....   | 27 |
| <b>Sonographic Evaluation of Normal Anatomy of Fetal Central Nervous System in Mid-Trimester</b>                               |    |
| M. H. K. Alsharif, A. Y. Elamin, D. E. A. Mohamed, K. M. Taha.....   | 32 |

## **Forensic Medicine and Anatomy Research (FMAR)**

### **Journal Information**

#### **SUBSCRIPTIONS**

The *Forensic Medicine and Anatomy Research* (Online at Scientific Research Publishing, [www.SciRP.org](http://www.SciRP.org)) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$59 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

#### **SERVICES**

##### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

##### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

#### **COPYRIGHT**

##### **COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:**

Copyright © 2015 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

##### **COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:**

Copyright © 2015 by author(s) and Scientific Research Publishing Inc.

##### **REUSE RIGHTS FOR INDIVIDUAL PAPERS:**

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

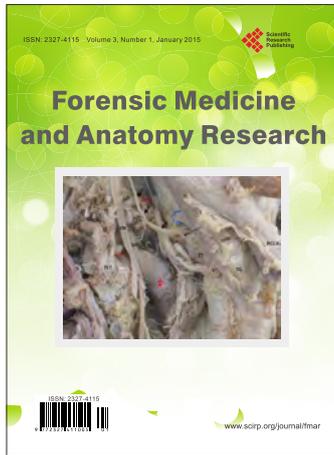
##### **DISCLAIMER OF LIABILITY**

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

#### **PRODUCTION INFORMATION**

For manuscripts that have been accepted for publication, please contact:

E-mail: [fmar@scirp.org](mailto:fmar@scirp.org)



## Forensic Medicine and Anatomy Research

ISSN Print: 2327-4115 ISSN Online: 2327-4107

<http://www.scirp.org/journal/fmar>

### Editor-in-Chief

Prof. Bofeng Zhu

### Editorial Board

Dr. Gyeong-Hun Baeg  
Prof. Brion Benninger  
Dr. Eleazar Chaib  
Prof. Feng Chen  
Dr. Long Chen  
Prof. Xinshan Chen  
Dr. Siddhartha Das  
Dr. Ang Eng-Tat

Prof. Cintia Fridman  
Dr. Gilka J. F. Gattás  
Dr. Jianye Ge  
Dr. Karthik S. Harve  
Dr. Omid Iravani  
Dr. Long Jin  
Dr. Kewal Krishan  
Dr. Anand B. Mugadlimath

Dr. George K. Paraskevas  
Dr. Sarah Ralte  
Prof. Geoffrey Sperber  
Dr. Michael W. Warren  
Dr. Hai Ming Wong  
Dr. Jiangwei Yan  
Dr. Guang Yang  
Dr. Xiufen Zheng

Forensic Medicine and Anatomy Research (FMAR) is a peer-reviewed, open access journal. The goal of this journal is to provide a platform for doctors and academicians all over the world to promote, share, and discuss original investigations, observations, scholarly inquiries, reviews and developments in the various branches of the anatomy sciences and forensic sciences.

All manuscripts must be prepared in English, and are subject to a rigorous peer-review process. Accepted papers will immediately appear online followed by printed in hard copy. The areas covered by Forensic Medicine and Anatomy Research (FMAR) include but are not limited to the following fields:

- Anatomical Sciences
- Anatomy and Physiology
- Case Reports in Anatomy
- Clinical Anatomy
- Clinical Forensic Medicine
- Forensic Analytical Chemistry
- Forensic Anthropology
- Forensic Biology
- Forensic Education
- Forensic Entomology
- Forensic Genetics
- Forensic Microbiology
- Forensic Odontology
- Forensic Osteology
- Forensic Pathology
- Forensic Physical Evidence
- Forensic Psychiatry
- Forensic Radiology
- Forensic Serology
- Forensic Sociology
- Forensic Thanatology
- Forensic Toxicology
- Gross Anatomy
- Histology
- Medicolegal History
- Neuroanatomy
- Periodontal Anatomy
- Sectional and Imaging Anatomy
- Surgical and Radiologic Anatomy

We are also interested in: 1) Short Reports – 2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews – Comments and critiques.

### Website and E-Mail

<http://www.scirp.org/journal/fmar>

E-Mail: [fmar@scirp.org](mailto:fmar@scirp.org)

## ***What is SCIRP?***

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

## ***What is Open Access?***

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Scientific  
Research  
Publishing

Website: <http://www.scirp.org>

Subscription: [sub@scirp.org](mailto:sub@scirp.org)

Advertisement: [service@scirp.org](mailto:service@scirp.org)