



Golestan University of Medical  
Sciences and Health Services

# Journal of Gorgan University of Medical Sciences (Quarterly)

J Gorgan Uni Med Sci / Summer 2017 / vol 19 / no 2

p-ISSN: 1562-4765, e-ISSN: 2008-4080

**Owned:** Gorgan University of Medical Sciences

**Published:** Vice Chancellor for Research and Technology

**Chairman:** Shahryar Semnani (M.D)

**Editor-in-Chief:** Mohammad Jafar Golalipour (Ph.D)

**Executive Director:** Laleh Sharifi (B.Sc)

**Copy-Editor:** Mohammad Jafar Golalipour (Ph.D)

**Statistical Advisor:** Mohammad Ali Vakili (Ph.D)

**English Editor:** Azad Reza Mansourian (Ph.D)

**Persian Editor:** Laleh Sharifi (B.Sc)

**Office:** Marziyeh Nemati (B.Sc), Danial Baqeri (M.A)

Abstracting/Indexing

Chemical Abstracts Service  
EBSCO  
CABI  
IMEMR  
Index Copernicus  
ISC  
Google Scholar

## Editorial Board <sup>(A-Z)</sup>

- Biezhan Arya (M.D), Assistant Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Ramin Azarhoush (M.D), Associate Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Abdullah Abbasi (M.D), Associate Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Hamidreza Bazrafshan (M.D), Associate Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Alireza Fazel (Ph.D), Professor, Mashhad University of Medical Sciences, Mashhad, Iran.
- Ezzat Allah Ghaemi (Ph.D), Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Kiumars Ghazi-Saidi (Ph.D), Professor, Tehran University of Medical Sciences, Tehran, Iran.
- Mohammad Jafar Golalipour (Ph.D), Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Homeira Khoddam (Ph.D), Assistant Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Elham Mobasheri (M.D), Associate Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Minoo Mohraz (M.D), Professor, Tehran University of Medical Sciences, Tehran, Iran.
- Ali Rashidy-Pour (Ph.D), Professor, Semnan University of Medical Sciences, Semnan, Iran.
- Ali Akbar Sayyari (M.D), Professor, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Shahryar Semnani (M.D), Associate Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Majid Shahbazi (Ph.D), Associate Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Gunter Karl Stalla (M.D), Member of the European Neuroendocrine Association (ENEA), Munich, Germany.
- Mohammad Hossein Taziki (M.D), Associate Professor, Golestan University of Medical Sciences, Gorgan, Iran.
- Mohammad Ali Vakili (Ph.D), Associate Professor, Golestan University of Medical Sciences, Gorgan, Iran.

**Print:** Shegeft Company, Gorgan, Iran. Tel: +98 (17) 32222701

**Address:** Journal Office, Golestan University of Medical Sciences, Gorgan, Iran.

**Postal Code:** 4934174515

**P.O.Box:** 491751141

**SMS:** +9830002351009800

**Tel & Fax:** +98 (17) 32425165

**Online Submission:** <http://www.goums.ac.ir/journal>

**Email:** [gorganmedjour@goums.ac.ir](mailto:gorganmedjour@goums.ac.ir) & [goums.journal@gmail.com](mailto:goums.journal@gmail.com)