

Iranian Journal of Blood and Cancer

The Official Journal of

Iranian Pediatric Hematology and Oncology Society (IPHOS)

Volume 5, Number 3, Spring 2013

Director-in- Chief

Mohammad Saeid Rahimi Nejad, MD

Editor-in-chief

Hassan Abolghasemi, MD

Executive Editor

Kourosh Sheibani, MD, MS

Co-Executive Editors

Mohammad Faranoush, MD Mitra Karimi, MD

Editorial Board

Baharat Agarwal, India
Mardawig Alebouyeh, Iran
Mohamad Taghi Arzanian, Iran
Andrea Biondi, Italy
Mohammad Faranoush, Iran
Martin Schrappe, Germany
Ahmad Khaleghnejad Tabari, Iran
Odile Oberlin, France
Mohammad Pedram, Iran
Flora Peyvandi, Italy

Yaddanapudi Ravindranath, USA

Farhad Samie, Iran Ardeshir Ghavamzadeh, Iran Ali Taher, Lebanon Poul Telfer, UK Parvaneh Vossough, Iran Peter Hans Wagner, Switzerland Khodamorad Zandian, Iran ISSN: 2008-4595

Reviewers

Houri Rezvan, Iran

Shaban Alizadeh, PhD Amir Atashi, PhD Ali Dehghanifard, MS Aziz Eghbali, MD Peyman Eshghi, MD Mohammad Faranoush, MD Bijan Keikhaei, MD Seyed Hadi Mousavi, PhD Hossein Najmabadi, PhD Najmaldin Saki, PhD Nasim Valizadeh, MD

Iranian Journal of Blood and Cancer (IJBC) is published by Iranian Pediatric Hematology and Oncology Society (IPHOS) in collaboration with Iranian Blood Transfusion Organization (IBTO).

"IJBC" is approved as an "Academic Research Journal" by Medical Journal Commission of the "Ministry of Health and Medical Education, Islamic Republic of Iran".

Iranian Journal of Blood and Cancer is covered in IranMedex®.

Editorial Staff

Samira Esmaeili , Nasim Sadat Hosseini-Divkalaye

Editorial office

1st floor, NO. 63, Shahid Toosi (Shabahang) Street, Tohid Square, Tehran, Iran

P.O. Box: 1419783311 Tel-Fax: +98 21 66 91 26 79 Website: wwww.ijbc.ir Email: Info@ijbc.ir

Documentation and content management by Health Researchers R & D Institute of IBTO.

Layout designed by Zaman Hamzehpour and performed by Zohd Publication Institute / Printed in I.R. Iran.

The Iranian Pediatric Hematology and Oncology Society 2012. All rights reserved.