

## Members Information Pack for this Issue:

**Publisher:**

Iranian Pediatric Hematology and Oncology Society (IPHOS)

**Editor-in-Chief:**

Hassan Abolghasemi, MD, Professor, Pediatric Hematologist and Oncologist, Pediatric Congenital Hematologic Disorder-Research Center (PCHD-RC), Shahid Beheshti University of Medical Sciences (SBMU), Tehran, I.R.Iran,  
**Email:** h.abolghasemi@sbmu.ac.ir

**Director-in-Chief:**

Mohammad Saeid Rahiminejad, MD, Assistant Professor, Pediatric Hematologist and Oncologist, Department of Pediatric Hematology and Oncology, Tehran University of Medical Sciences (TUMS), Tehran, I.R.Iran,  
**Email:** rahiminms@hotmail.com

**Executive Director:**

Mohammad Faranoush, MD, Associate Professor, Pediatric Hematologist and Oncologist, Iran University of Medical Sciences, Hazrat Rasool-e Akram Hospital, Tehran, I.R.Iran, **Email:** m.faranoush@ibto.ir

**Co-Executive Director:**

Mitra Karimi, MD, Pediatric Congenital Hematologic Disorder-Research Center (PCHD-RC), Shaheed Beheshti University of Medical Sciences (SBMU), Tehran, I.R.Iran, **Email:** mitrakarimi75@yahoo.com

**Executive Editor:**

Kourosh Sheibani, MD, MS in Applied Natural Sciences, Imam Hossein Hospital, Shahid Beheshti University of Medical Sciences (SBMU), **Email:** sh\_kourosh@hotmail.com

## Editorial Board (A-Z):

**Aggarwal, Bharat,**

India, PhD, Professor, Department of Experimental Therapeutics, Division of Cancer Medicine, The University of Texas M.D. Anderson Cancer Center, Houston, TX, **Email:** aggarwal@mdanderson.org

**Alebouyeh, Mardawij,**

Iran, MD, Professor, MAHAK Pediatric Cancer Treatment and Research Center (MPCTRC), Tehran, Iran, **Email:** alebouyem44@yahoo.com

**Arzani, Mohammad Taghi,**

Iran, MD, Professor, Department of Pediatric Hematology and Oncology, Mofid Hospital, Shaheed Beheshti University of Medical Sciences (SBMU), Tehran, Iran, **Email:** mtarzani@gmail.com

**Biondi, Andrea,**

Italy, MD, Pediatric Clinic University of Milano Bicocca M. Tettamanti Research Center, Milan, Italy,  
**Email:** andrea.biondi@unimib.it

**Cappellini, Maria-Domenica,**

Italy, MD, Professor of Internal Medicine, University of Milan, Italy, **Email:** maria.cappellini@unimi.it

**Faranoosh, Mohammad,**

Iran, MD, Associate Professor of Pediatric Hematology and Oncology, Vice Challenger of Research Hazrat Rasool Akram Hospital, Iran University of Medical Sciences, Tehran, Iran, **Email:** m.faranoosh@ibto.ir

**Ghavamzadeh, Ardeshir,**

Iran, MD, Professor in Hematology and Oncology, BMT Research Center, Shariati Hospital, Tehran, Iran, **Email:** horcbmt@sina.tums.ac.ir

**Khaleghnejad Tabari, Ahmad,**

Iran, MD, Associate Professor of Pediatric Surgery, Shaheed Beheshti University of Medical Sciences (SBMU), Tehran, Iran, **Email:** khaleghnejad@gmail.com

**Kowsari, Farid,**

Iran, MD, Associate Professor of Pathology, Tehran University of Medical Sciences, Department of Pathology, **Email:** faridkosari@yahoo.com

**Najmabadi, Hosein,**

Iran, MD, PhD, Professor of Genetics, Pasteur Institute, **Email:** hnajm12@yahoo.com

**Nakagawara, Akira,**

Japan, MD, Professor, Division of Biochemistry and Innovative Cancer Therapeutics, Chiba Cancer Center, Department of Molecular Biology and Oncology, Chiba University, President of Chiba Cancer Center Research Institute, **Email:** akiranak@chiba-cc.jp

**Oberlin, Odile,**

France, MD, Department of Pediatric Oncology, GHU Paris-Sud-CLCC Gustave Roussy Cancerology Institute, Paris, France, **Email:** oberlin@iqr.fr

**Pedram, Mohammad,**

Iran, MD, Professor of Pediatric Hematology and Oncology, Research Center of Thalassemia and Hemoglobinopathiy, Shafa Hospital, Ahvaz University of Medical Sciences, Ahvaz, Iran, **Email:** m\_pedram\_2007@yahoo.com

**Peyvandi, Flora,**

Italy, MD, PhD, IRCCS Maggiore Hospital, University of Milan, Milan, Italy, **Email:** info@florapeyvandi.eu

**Yaddanapudi Ravindranath,**

USA, MD, Professor of Pediatric Hematology and Oncology, Wayne State University Pediatrics, Children's Hospital of Michigan, Georgie Ginopolis Chair for Pediatric Cancer and Hematology, **Email:** info@karmanos.org

**Rezvan, Houri,**

Iran, PhD, Professor of Immunology, Iran Blood Transfusion Organization (IBTO), **Email:** hourirezvan@yahoo.com

**Samiei, Farhad,**

Iran, MD, Assistant Professor of Radiotherapy, Cancer Institute, Imam Khomeini Hospital , Tehran University of Medical Sciences (TUMS)

**Schrappe, Martin,**

Germany, MD, Professor of Pediatrics, University Medical Center Schleswig-Holstein, Campus Kiel, **Email:** m.schrappe@pediatrics.uni-kiel.de

**Taher, Ali,**

Lebanon, MD, Professor of Internal Medicine (Hematology and Oncology), AUB Medical Center Physicians' Directory, **Email:** ambcare@aub.edu.lb

**Telfer, Paul,**

UK, MD, Clinical Senior Lecturer in Haematology Centre for Haematology, Barts and The London, School of Medicine and Dentistry, **Email:** Paul.Telfer@bartsandthelondon.nhs.uk

**Wagner, Hans-Peter,**

Switzerland, MD, Professor of Paediatric Haematology and Oncology , Professor, Manager of the Hematology and Oncology Section of the Pediatric Hospital of the University of Bern, (Kinderspital), Award for the development and coordination of pediatric oncology, **Email:** hpwagner@bluewin.ch

**Zandian, Khodamorad,**

Iran, MD, Professor of Pediatric Hematology and Oncology, Research Center of Thalassemia and Hemoglobinopathy, Shafa Hospital, Ahvaz University of Medical Sciences, Ahvaz, Iran, **Email:** dr.zandian@ yahoo.com

**Reviewers (A-Z):**

**Abolghasemi Hassan, MD**

**Alilou Sam, MD**

**Alizadeh Shaban, PhD**

**Amin Kafiabad Sedigheh, M.D**

**Ansari Shahla, MD**

**Azarkeivan Azita, MD**

**Bahoosh Gholamreza, MD**

**Eghbali Aziz, MD**

**Eshghi Peyman, MD**

**Faranoush Mohammad, MD**

**Farshdoosti Majid, PhD**

**Habibi Roudkenar Mehryar, PhD**

**Haghi Saba Sadat, MD**

**Honarfar Amir, MD**

**Ghasemi Fariba, MD**

**Karimi Gharib, MD**

**Mehrvar Azim, MD**

**Mousavi Seyed Hadi, PhD**

**Naseripour Masood, MD**

**Roozrokh Mohsen, M.D**

**Sheibani Kourosh, MD, MS**

**Editorial Staff (A-Z):**

**Esmaeili, Samira**

**Hamzehpour, Zaman**

**Hosseini-Divkalaye, Nasim Sadat**

**Mohammadkhani, Mohammad Javad**

**Shormeij, Zeinab**

**Editorial office:**

**Address:** 1st floor, No. 63, Shahid Toosi Street, Tohid Square, Tehran, Iran

**Postal Code:** 1419783311

**Phone:** +98-21-66912679

**Email Address:** info@ijbc.ir

**Fax:** +98-21-66912679

**First Publishing Date:** Autumn, 2008

“IJBC” is approved as an “Academic Research Journal” by Medical Journal Commission of the  
“Ministry of Health and Medical Education, Islamic Republic of Iran”.  
The Iranian Pediatric Hematology and Oncology Society 2013. All rights reserved.

## About the Journal:

In 2005, Hassan Abolghasemi, professor in Pediatric Hematology and Oncology in collaboration with some of his colleagues, decided to establish a scientific English journal to extend the relationship with other national and international scientists. They obtained the appropriate permissions from the respective authorities and finally, the first issue of "IJBC" was published in autumn 2008, about 4-5 months after receiving the permission.

"Iranian Pediatric Hematology and Oncology Society (IPHOS)", with more than a decade of activity, is proud of being the responsible entity to publish "IJBC". IJBC enjoys the contribution of its credible editorial board members consisting of a diversity of specialists and academics in basic sciences, hematology, immunology, genetics and clinical disciplines of hematology, oncology, radiotherapy, pathology, pediatric surgery and cancer surgery.

## Aim & Scope:

IJBC tries to provide a new opportunity for advancing the field of Hematology and Oncology in Iran and make a bridge between Iranian researchers and fellow scientists globally.

This journal is published in print and online and includes high quality manuscripts including basic and clinical investigations of blood disorders and malignant diseases namely: diagnosis, treatment, epidemiology, etiology, biology and molecular aspects as well as clinical genetics of these diseases, as they affect children, adolescents and adults. "IJBC" also includes the studies on transfusion medicine, hematopoietic stem cell transplantation, immunology, genetics and gene-therapy and accepts original papers, systematic reviews, case reports, brief reports and letters to the editor in all aspects of blood transfusion, blood donors recruitment, screening techniques, modern approaches to transfusion, whole blood and blood components applications.

### ***We also cover subjects related to cancer including:***

- Risk factors: life style, gene – environment interactions, molecular triggers, and strategies for reducing the risk.
- Public health issues: epidemiology, cost-effectiveness of procedures, health technology assessment, cancer registry, social determinants of health, health needs, quality of life measurements, public and professional education, and cancer control programs.
- Cancer diagnosis and prognosis: normal and abnormal hematopoiesis, benign and malignant tumors, molecular markers; diagnostic imaging; defining tumor margins; detecting minimal residual disease.
- New approaches to cancer therapy: rational drug design, gene therapy, immunotherapy, combination therapy, drug resistance, targeting therapies to the individuals, and alternative/complimentary medicine.
- Experimental systems and techniques: cell culture and animal models, genomic and proteomic approaches to studying cancer, cell proliferation and differentiation, apoptosis and molecular aspects of cytokines.
- Cancer-associated conditions: pain, cachexia, symptoms associated with treatment (hair loss, anemia, gastrointestinal disorders), psychosocial aspects of cancer.
- Ethical and legal issues surrounding cancer research: trial design, genetic screening, communicating with patients and families, death issues, research policy and advocacy.

We also cover articles regarding the history of contemporary medicine in Iran: Manuscripts narrating the history of modern medicine in Iran, the outstanding scientists' contribution to its progress, and the improvement of our health-care system over the past decades are important to us and are welcome.

## Legal disclaimer:

All the articles in IJBC are according to the opinions of the authors and are not of the opinions of "The

Iranian Pediatric Hematology and Oncology Society". The advertisements in the journal do not reveal a warranty, endorsement or approval of any products or services described in IJBC. "The Iranian Pediatric Hematology and Oncology Society" disclaim responsibility for any injury or property resulting from any ideas or products referred to in the articles or advertisements.