



EXPERIMENTAL HEMATOLOGY

Journal for Hematology, Stem Cell Biology and Transplantation

Official Publication of the ISEH - International Society for Experimental Hematology

AUTHOR INFORMATION PACK

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DESCRIPTION

Experimental Hematology publishes new findings, methodologies, reviews and perspectives in all areas of hematology and immune cell formation on a monthly basis that may include Special Issues on particular topics of current interest. The overall goal is to report new insights into how normal blood cells are produced, how their production is normally regulated, mechanisms that contribute to hematological diseases and new approaches to their treatment. Specific topics may include relevant developmental and aging processes, stem cell biology, analyses of intrinsic and extrinsic regulatory mechanisms, in vitro behavior of primary cells, clonal tracking, molecular and omics analyses, metabolism, epigenetics, bioengineering approaches, studies in model organisms, novel clinical observations, transplantation biology and new therapeutic avenues.

Experimental Hematology publishes 2 types of articles: (1) Reviews and Perspectives (4,000 words), and (2) original findings sub-classified either as Brief Communications of significant singular results (1,500 words), and longer Research Articles presenting the results of more developed studies(4,000 words).

For additional details on manuscript submission, please see *Experimental Hematology* online at www.exphem.org.

Address correspondence to the Editor-in-Chief:

Connie J. Eaves, PhD, *Experimental Hematology*, **Terry Fox Laboratory, BC Cancer Research Centre, 675 West 10th Avenue, Vancouver BC V5Z 1L3, Canada.**

E-mail: ceaves@bccrc.ca.

AUDIENCE

Hematologists, Oncologists, Transfusion Scientists, Immunologists, Cell Biologists and Marrow Transplanters

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To find out more, please visit the Preparation section below.

Aim and scope

Experimental Hematology publishes new findings, methodologies, reviews and perspectives in all areas of hematology and immune cell formation on a monthly basis and may include Special Issues on particular topics of current interest. The overall goal is to report new insights into how normal blood cells are produced, how their production is normally regulated, mechanisms that contribute to hematological diseases and new approaches to their treatment. Specific topics may include relevant developmental and aging processes, stem cell biology, analyses of intrinsic and extrinsic regulatory mechanisms, in vitro behavior of primary cells, clonal tracking, molecular and omics analyses, metabolism, epigenetics, bioengineering approaches, studies in model organisms, novel clinical observations, transplantation biology and new therapeutic avenues. *Experimental Hematology* publishes 2 types of articles: (1) *Reviews and Perspectives* (4,000 words), and (2) original findings sub-classified either as *Brief Communications* of significant singular results (1,500 words), and longer *Research Articles* presenting the results of more developed studies (4,000 words). For additional details on manuscript submission, please see *Experimental Hematology* online at www.exphem.org.

Types of articles

Research articles will be published under the following scientific categories: Stem Cells (hematopoietic, mesenchymal, embryonic and induced pluripotent stem cells); Experimental Stem Cell Transplantation; Normal Hematopoiesis (myelopoiesis, erythropoiesis, lymphopoiesis, megakaryocytopoiesis); Malignant Hematopoiesis; Microenvironment and Niche; Systems Biology; Genomics/Proteomics of Hematopoiesis; Immunobiology and Immunotherapy; Gene Therapy; Clinical Investigations (stem cell or other cell transplant related therapies); New Techniques and Technologies.

Regular Submissions: These are full-length reports of original research. We welcome articles on a range of topics with particular interest in those covering regulation and development of normal hematopoietic stem cells, stem cell expansion and self-renewal; novel sources of hematopoietic cells including embryonic stem cells and reprogrammed induced pluripotent stem cells; hematopoietic progenitors and differentiation control; growth factors/receptors and signal transduction; genomics, transcription factors and epigenetics; mechanisms of hematopoietic transformation; properties of leukemic stem cells and novel therapeutic targets; the hematopoietic niche/microenvironment; homing and engraftment of hematopoietic stem cell; immunotherapy of hematologic malignancy; non-malignant hematopoietic disease; application of model organisms to the study of hematopoiesis, and new techniques/methods and technology for hematopoiesis investigation. Studies centered on cell transplantation, both at the pre-clinical/experimental and early clinical stage are also of high priority.

Brief communications: We also welcome articles on the same range of topics as outlined for regular submissions, but that can be reported in a shorter format. Brief communications are intended to allow publication of highly significant findings reported concisely, and not of incomplete or preliminary data. As with regular submissions, brief communications are expected to provide mechanistic insights, elucidate novel disease biology or approaches to therapy.

Brief communications should contain a maximum of 1,500 words exclusive of the abstract, figure legends and references. Format can be as for regular submissions, but a combined Results and Discussion section is encouraged. Only 3 figures/tables and 30 references are allowed.

Fast-Track Submission: Expedited review will be offered, on request, for research articles falling within the scope of the topics suitable for *Experimental Hematology* that have been previously considered by other top ranked journals and for which the previous reviewers' comments and the appropriate responses can be provided. Decisions will be made by the Editor-in-Chief in consultation by one or more members of the Editorial Board within 7-10 days of submission.

Reviews and Perspectives: Review Articles are summaries of a topic of interest to *Experimental Hematology's* broad readership. Perspectives are articles discussing significant topics and controversies relevant to the field of hematology and stem cells, generally from a more personal or

opinion-based standpoint than a Review Article. Review Articles and Perspectives are welcomed by the journal and are generally solicited by the Editor-in-Chief; however, authors wishing to submit an unsolicited Review Article or Perspectives are invited to contact the editorial office prior to submission.

Contact details for submission

Journal Manager:

Mickie Cathers
Elsevier
1600 John F. Kennedy Blvd. STE 1800
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PREPARATION

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Regardless of the file format of the original submission, at revision you must provide us with an editable file in Word of the entire article. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the [Guide to Publishing with Elsevier](#)). See also the section on Electronic artwork.

To avoid unnecessary errors you are strongly advised to use the 'spell-check' and 'grammar-check' functions of your word processor.

Article structure

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Divide your article into clearly defined sections. Each subsection is given a brief heading. Each heading should appear on its own separate line. Subsections should be used as much as possible when cross-referencing text: refer to the subsection by heading as opposed to simply 'the text'.

Introduction

State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

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Results should be clear and concise.

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Electronic artwork

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