

Editorial: an introduction and welcome to *Hypoxia*

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Hypoxia can influence many aspects of physiology and pathophysiology, including high altitude, embryonic development, wound healing, anemia, inflammation, cancer, and ischemic diseases, such as infarction and stroke.

Researchers involved in hypoxia-related science are from a variety of different fields, and include cell biologists, molecular biologists, and clinical scientists. The research being done in this field will help us to gain a better understanding of the physiologic processes involved and to develop new therapies for the above-mentioned diseases. A detailed knowledge of the mechanisms of hypoxia sensing, signaling, and adaptation is important to achieve these goals and ultimately exploit this signaling pathway for therapeutic applications. Together with scientists from HypoxiaNet, a COST Action (Cooperation in Science and Technology) funded by the European Union, Dove Press has developed and established *Hypoxia*, a new open-access peer-reviewed journal. The advent of a journal dedicated to hypoxia-related research is considered to be one way to bundle the already existing but widespread research activities in this field. Early in the development process, many leading scientists have agreed to support the journal as editorial board members. In addition, widely recognized experts are preparing review articles that are scheduled to appear in early 2014 to set the standard and thematic ground for the journal. As the Editor-in-Chief, I am grateful for this wonderful support.

Every scientist knows that, in times of financial pressure, to get scientific projects funded and while the run after high-impact factor publications is on, it is not an easy task to develop a new journal from scratch. I sincerely hope that the journal will be accepted within the hypoxia research community as a platform serving basic and applied research on hypoxia signaling pathways, thereby accelerating scientific progress at the levels of basic science, technology, pharmacology, and translational medicine. Together with the editorial team at the journal's office, we will ensure a rapid and transparent review process. The journal welcomes papers from all regions of the world that address any aspect of hypoxia sensing, signaling, and adaptation. This "open-access" journal will ensure that cutting edge knowledge will be freely available to researchers worldwide.

Disclosure

The author reports no conflicts of interest in this work.

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hypoxia and in the therapeutic targeting of hypoxia-responsive pathways. The manuscript management system is completely online and includes a very quick and fair peer-review system, which is all easy to use. Visit <http://www.dovepress.com/testimonials.php> to read real quotes from published authors.