**Name of Journal:** *Artificial Intelligence in Medical Imaging*

**Manuscript NO:** 62739

**Manuscript Type:** EDITORIAL

**New Year's greeting and overview of *Artificial Intelligence in Medical Imaging* in 2021**

Wu YX *et al*. New Year’s greeting and overview of *AIMI* in 2021

Yun-Xiaojian Wu, Jun Shen

**Yun-Xiaojian Wu,** Production Department, Baishideng Publishing Group Inc, Pleasanton, CA 94566, United States

**Jun Shen,** Department of Radiology, Sun Yat-Sen Memorial Hospital, Sun Yat-Sen University, Guangzhou 510120, Guangdong Province, China

**Author contributions:** Wu YXJ drafted this editorial; Shen J revised the manuscript.

**Corresponding author: Yun-Xiaojian Wu, BSc, Vice Director,** Production Department, Baishideng Publishing Group Inc, 7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, United States. y.xj.wu@wjgnet.com

**Received:** January 17, 2021

**Revised:** February 19, 2021

**Accepted:** February 22, 2021

**Published online:**

**Abstract**

As editors of *Artificial Intelligence in Medical Imaging* (*AIMI*), it is our great pleasure to take this opportunity to wish all our authors, subscribers, readers, Editorial Board members, independent expert referees, and staff of the Editorial Office a Very Happy New Year. On behalf of the Editorial Team, we would like to express our gratitude to all of the authors who have contributed their valuable manuscripts, our independent referees, and our subscribers and readers for their continuous support, dedication, and encouragement. Together with an excellent of team effort by our Editorial Board members and staff of the Editorial Office, *AIMI* advanced in 2020 and we look forward to greater achievements in 2021.

**Key Words:** New Year’s greeting; *Artificial Intelligence in Medical Imaging*; Baishideng Publishing Group; Journal development

Wu YX, Shen J. New Year's greeting and overview of *Artificial Intelligence in Medical Imaging* in 2021. *Artif Intell Med Imaging* 2021; In press

**Core Tip:** On behalf of the *Artificial Intelligence in Medical Imaging* (*AIMI*) Editorial Team, we would like to express our gratitude to all authors who have contributed their valuable manuscripts, to our independent referees, and to our subscribers and readers for their continuous support, dedication, and encouragement. Together with an excellent team effort by our Editorial Board members and staff of the Editorial Office, *AIMI* advanced in 2020 and we look forward to greater achievements in 2021.

**INTRODUCTION**

As editors of *Artificial Intelligence in Medical Imaging* (*AIMI*), it is our great pleasure to take this opportunity to wish all our authors, subscribers, readers, Editorial Board members, independent expert referees, and staff of the Editorial Office a Very Happy New Year. On behalf of the Editorial Team, we would also like to express our gratitude to all authors who have contributed their valuable manuscripts, to independent referees, and to our subscribers and readers for their continuous support, dedication, and encouragement.

The *AIMI* mainly focuses on reporting research results obtained in the field of artificial intelligence (AI) in medical imaging but covers a wide range of topics within that field. With the joint efforts of Editorial Board members and Editorial Office staff, it is our hope that *AIMI* will achieve further advancement in 2021, establishing a strong foundation upon which we may build it to become the top journal in the field of AI.

**ACADEMIC INFLUENCE OF *AIMI***

*AIMI* is a high-quality, bimonthly, online, open-access, and single-blind peer-reviewed journal, featuring research advances in AI involving the emerging fields of medical imaging in each issue. The scope of *AIMI* covers a wide range of topics, including but not be limited to coronavirus disease 2019, radiomics, computed tomography, magnetic resonance imaging, machine learning, deep learning, nuclear medicine, positron emission tomography, pathology image analysis, endoscopy, molecular imaging, and ultrasonography.

With the rapid development of AI technology, the combination of deep learning and image-omics will enjoy broader application and more substantive development prospects, ultimately creating new fields of computer-aided diagnosis and personalized medical imaging. As a future research hotspot, they will continue to support even further investigative and clinical focus, advancing the overall use of AI and its benefit to human health. We will invite global experts to contribute original articles that focus on the key scientific issues in medical imaging technology, methodology, and applied research, and to propose research ideas, key research directions, and future research trends, so as to lead the development of the field.

As one of the key developing journals of the Baishideng Publishing Group Inc (BPG), *AIMI* was launched in 2020, publishing Volume 1, Issue 1 on June 28[1]. Up to now, it has published 3 issues with 11 articles (Figure 1). The authors of these manuscripts come from countries across the globe (Figure 2). In 2020, the Editorial Board of *AIMI* consisted of 77 members from 23 countries and regions, including 33 from China (42.9%), 9 from the United States (11.7%), 7 from India (9.1%), and 28 from other countries and regions (36.3%) (Figure 3)[2].

In order to help *AIMI* develop more efficiently, BPG instituted and implemented the following in 2020: (1) In order to provide authors with better services, and supervise and promote BPG’s efforts to publish each article more openly and transparently, BPG published the Author Reviews (<https://www.f6publishing.com/AuthorReviews>) for each publication, so that all can see the authors’ evaluation and feedback on the publication process; (2) Throughout 2020, BPG continued systematic efforts to encourage more authors to generate articles that are outstanding for their originality and innovativeness and to strengthen our open-access strategy of publication; these efforts were motivated by our dedication to maximizing readers’ access to the latest research results, so as to promote development of the medical sciences worldwide. In doing so, BPG invited Editorial Board members to conduct Article Quality Tracking-Peer-Review and published the comments (<https://www.f6publishing.com/ArticleQualityTrackings>) after the publication of the article; (3) In order to continue to advance BPG’s publishing efficiency and quality, we successfully developed an automated manuscript editor system for manuscript revision and submission, as well as an artificially intelligent program to generate a PDF version of the manuscript; and (4) To enable more peers to read, share, and cite authors’ published research results and to help enhance their global academic influence and reputations, thereby also promoting the overall development of the field, BPG initiated the routine of sending its published articles to 1000-10000 highly influential experts in a topically-accurate manner. After completing this outreach activity, BPG formally notifies the paper’s authors of the number of experts to whom their manuscript was sent *via* email.

We are pleased to announce that we have now submitted evaluation applications to the Web of Science, with the expectation that the *AIMI* could be included in Science Citation Index Expanded in 2021.

**CONCLUSION**

With the collective support of BPG’s contributors and staff, we expect to continue the trajectory towards more productive efforts that will raise the academic rank of *AIMI* in 2021. In order to achieve these goals, we appreciate the need for continuous support and submissions from authors and the dedicated efforts and expertise by our invited reviewers, many of them who also serve on our Editorial Board. As the chief editors of *AIMI*, we strive to work with the journal’s Editorial Office staff to make the manuscript submission process as simple as possible and to ensure efficient communication with the authors to provide professional support and answer their questions. We are also open to any suggestions that could improve *AIMI*’s operations and publication. Please feel free to contact us at ([editorialoffice@wjgnet.com](mailto:editorialoffice@wjgnet.com)) with any question on your submission or suggestions.

Once again, on behalf of *AIMI*, we wish you and your families the best for the New Year.

**REFERENCES**

1 **Baishideng Publishing Group Inc.** All published articles of Artificial Intelligence in Medical Imaging from its launch in 2020 to present. Available from <https://www.wjgnet.com/2644-3260/archive.htm>

2 **Baishideng Publishing Group Inc.** The Editorial Board of Artificial Intelligence in Medical Imaging. Available from <https://www.wjgnet.com/2644-3260/editorialboard.htm>

**Footnotes**

**Conflict-of-interest statement:** The authors declare having no conflicts of interest.

**Open-Access:** This article is an open-access article that was selected by an in-house editor and fully peer-reviewed by external reviewers. It is distributed in accordance with the Creative Commons Attribution NonCommercial (CC BY-NC 4.0) license, which permits others to distribute, remix, adapt, build upon this work non-commercially, and license their derivative works on different terms, provided the original work is properly cited and the use is non-commercial. See: http://creativecommons.org/Licenses/by-nc/4.0/

**Manuscript source:** Invited manuscript

**Peer-review started:** January 17, 2021

**First decision:** January 28, 2021

**Article in press:**

**Specialty type:** Radiology, nuclear medicine and medical imaging

**Country/Territory of origin:** United States

**Peer-review report’s scientific quality classification**

Grade A (Excellent): A

Grade B (Very good): 0

Grade C (Good): 0

Grade D (Fair): 0

Grade E (Poor): 0

**P-Reviewer:** Liu G **S-Editor:** Wang JL **L-Editor: P-Editor:**

**Figure Legends**

**Figure 1Column type distribution of manuscripts published in *Artificial Intelligence in Medical Imaging*in 2020.**

**Figure 2 Distribution of authors’ countries for the manuscripts published in *Artificial Intelligence in Medical Imaging* in 2020.**

**Figure 3 Distribution of Editorial Board members’ countries for *Artificial Intelligence in Medical Imaging*.**