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Special issue on *Explainable and/or interpretable AI for Biomedical and Health Informatics*

Explainable AI enables humans to comprehend the underlying rationale behind the decisions or predictions, and interpretable AI provides transparency by unveiling the inner workings of your AI models. Biomedical and healthcare informatics rely on AI models that utilize data of clinical significance. This principle applies to data augmentation in healthcare as well. It is important to note that augmented data alone may not capture the clinical manifestations specific to a particular disease. Therefore, the concept of explainable AI should extend beyond the AI algorithm itself and encompass the data used.

The scope of topics covers various areas (but not limited to): explainable AI, machine learning models (shallow, deep learning, and active learning), data analytics and data visualization, multimodal learning/representation, and applications such as clinical text analytics, (bio)medical imaging, healthcare informatics, and precision medicine.

We welcome contributions in the form of theories, methods, models, frameworks, new applications, and benchmark datasets.

- **Guest editor**

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- **Important dates**

Manuscript submission: Dec 15, 2023

Decision (first): April 01, 2024

Revision due: June 01, 2024

- **Paper submission**

All manuscripts will be peer-reviewed before their acceptance for publication.

Manuscripts must be submitted online via Editorial Manager (EM) system at

<http://www.editorialmanager.com/ijprai/login.asp>

Before submission, please read and follow the Submission Guidelines at

<https://www.worldscientific.com/page/ijprai/submission-guidelines> to prepare your manuscript.