

Call for Manuscripts

Themed Issue on Advancing Translational Science through Real-World Data and Real-World Evidence



We are issuing this Call for Papers for a special themed issue of the *Journal of Clinical and Translational Science* which will focus on the use of diverse sources of **Real-World Data¹ (RWD)** and **Real-World Evidence² (RWE)** to **Advance Translational Science**. Our goal is to assemble a set of manuscripts that highlight the translation of RWD from a range of sources into RWE that can enhance the full translational science continuum, ultimately improving the development, approval, adoption and use of safe and effective medical products.

Manuscripts should be written for a broad target audience of all clinical and translational researchers. Manuscripts addressing the spectrum of sources and applications of RWD/RWE in translational science will be considered, with the following being of particular interest:

- ◆ The use of electronic health records, registries, claims data and other data sources to generate RWE
- ◆ Opportunities and challenges for Digital Health Technologies to generate RWE
- ◆ The evolution of novel methods (e.g., artificial

intelligence/machine learning) to accelerate the generation and use of RWD/RWE

- ◆ Regulatory and broader policy considerations for the use of RWD/RWE (e.g., bioethics, informed consent, Diversity, Equity, and Inclusion)
- ◆ The use of RWD/RWE to improve clinical trials (e.g., decentralized clinical trials and other trial designs, enrichment, adherence, efficiency)
- ◆ Data access, use, sharing and fit for purpose considerations
- ◆ Emerging use cases for RWD/RWE in translational science
- ◆ Infrastructure to support the generation and use of RWD/RWE in translational science

Submissions should be made online via the Journal's [ScholarOne](#) submission site. Authors are asked to select “**Advancing Translational Science through Real-World Data and Real-World Evidence**” in the Themed Issue submission question when submitting to this issue no later than **January 31, 2023**.

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Manuscripts may be submitted for peer review in the following categories:

- ◆ Research Articles
- ◆ Expedited Reports
- ◆ Brief Reports
- ◆ Letters
- ◆ Special Communications
- ◆ Comments
- ◆ Review Articles

For a full description of each manuscript category, as well as information on the submission of manuscripts, journal policy, and journal style, please visit the [JCTS Instructions for Contributors](#) on Cambridge Core.

JCTS is a fully **Gold Open Access** journal. Information on the Journal's Open Access policies, including the current **Article Processing Charge**, can be found here: <https://www.cambridge.org/core/journals/journal-of-clinical-and-translational-science/information/instructions-contributors#copyrightinformationandopenaccesscharges>.

For additional information regarding the mission of the journal, see <http://www.actscience.org/page/journal-of-clinical-and-translational-science>

As part of the themed issue, an editorial will be developed by the guest editors.

Questions regarding this themed issue should be directed to jcts@cambridge.org.

¹Real-world data are the data relating to patient health status and/or the delivery of health care routinely collected from a variety of sources (see <https://www.fda.gov/science-research/science-and-research-special-topics/real-world-evidence>).

²Real-world evidence is the clinical evidence regarding the usage and potential benefits or risks of a medical product derived from analysis of RWD (see <https://www.fda.gov/science-research/science-and-research-special-topics/real-world-evidence>).