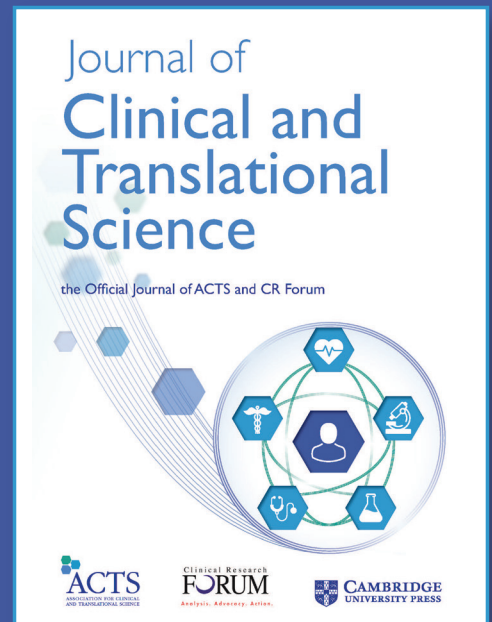# Call for Manuscripts

Themed Issue: Integration of Social Determinants of Health with Clinical and Translational Science

Time period: January 31, 2023-December 31, 2023
Deadline: December 31, 2023

The full call for manuscripts for this collection

Scope: We are issuing this Call for Papers for a special themed issue of the Journal of Clinical and Translational Science, which will focus on **studies that address social determinants of health (SDoH) in clinical and translational science.** Our **goal** is to assemble a set of manuscripts that highlight the integration of SDoH with clinical and translation science to understand the role of SDoH in health disparities and to develop SDoH-based intervention strategies to mitigate identified disparities, ultimately improving equity in health care and health outcomes. Given the increasing availability of real-world data (RWD) including electronic health records (EHRs), administrative claims, and many other data sources that are routinely collected in real-world clinical care settings and along with the advancements in artificial intelligence/machine learning (AI/ML), we have a particular interest in studies that leverage these large-scale RWD sources combined with advanced AI/ML methods.

Manuscripts should be written for a broad target audience of all clinical and translational science researchers. Manuscripts addressing the spectrum of the integration of SDoH into clinical and translational science to improve health equity will be considered, with the following being of particular interest:

- Illustration of "best practices" of SDoH implementation to success with use cases of impact in moving the needle for improved health.

- The integration of SDoH with RWD, including electronic health records, insurance claims, patient and cancer registries, and other data sources with linkage to public health entities.

- The development and applications of novel approaches (e.g., novel AI/ML and causal principled models) to address SDoH and health disparities.

- Opportunities and challenges for digital health technologies to transform the management of SDoH and improve patient care.

- The improvement of diversity of clinical research enrollment (especially in clinical trials) through addressing SDoH.

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- Use cases of addressing SDoH and health disparities, improving health equity, and enabling learning health systems and learning health communities.

- Infrastructure, including governance, IT support from EHRs, and key implementation "best practices" to support the RWD and AI/ML to address SDoH, such as better collections of SDoH data in discrete format while considering documentation burden.

- The assessment of AI/ML fairness and the mitigation of identified bias towards historically under-represented populations with a focus on informatics approaches to solve this important barrier to success in clinical decision support

Submissions should be made online via the Journal's ScholarOne submission site (https://mc.manuscriptcentral.com/jcts). Authors are asked to select **"Integration of Social Determinants of Health with Clinical and Translational Science"** in the Themed Issue submission question when submitting to this issue no later than **Decmber 31, 2023**.

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.