DESCRIPTION

*JACC: Basic to Translational Science,* an open access journal, serves a forum for advancing the field Translational Cardiovascular Medicine, and as a platform for accelerating the translation of novel scientific discoveries into new therapies that improve clinical outcomes for patients affected with or at risk for Cardiovascular Disease. Thematic areas of interest include pre-clinical research; clinical trials; personalized medicine; novel drugs, devices, and biologics; proteomics, genomics and metabolomics; and early phase clinical trial methodology.

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Introduction

JACC: Basic to Translational Science, an open access journal, serves a forum for advancing the field of Translational Cardiovascular Medicine, and as a platform for accelerating the translation of novel scientific discoveries into new therapies that improve clinical outcomes for patients affected with or at risk for Cardiovascular Disease. Thematic areas of interest include pre-clinical research; clinical trials; personalized medicine; novel drugs, devices, and biologics; proteomics, genomics and metabolomics; and early phase clinical trial methodology.

All submitted articles are reviewed by the Editor and Associate Editors. Articles are then sent out to two peer reviewers. All reviews are double-blinded. While all recommendations are discussed and considered by the group of Associate Editors, the final decision rests with the Editor-in-Chief. As a member of the JACC Family of Journals, this journal publishes only the highest quality content and is subject to the same rigorous, double-blind peer review standards as all the JACC journals.

Peer Review

The JACC Journals use a single-blind peer-review process. Papers are assigned an Associate Editor, who can assign up to two peer reviewers, although more can be assigned if necessary.

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JACC: Basic to Translational Science is not restricted to page length, however the Editors prefer that manuscripts not exceed 5,500 words (including references and figure legends). Note that if you are asked to revise your paper an alternate word limit may be specified by the Editors. Illustrations and tables should be limited to those necessary to highlight key data. Please provide gender-specific data, when appropriate, in describing outcomes of epidemiologic analyses or clinical trials; or specifically state that no gender-based differences were present.

The manuscript should be arranged as follows: 1) title page; 2) structured abstract and key words; 3) condensed abstract; 4) abbreviations list; 5) text; 6) acknowledgments (if applicable); 7) Funding Sources 8) references; 9) figure titles and legends; and 10) tables.

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EDITORIAL COMMENTS AND EDITORIAL VIEWPOINTS. Although usually invited, succinct opinion pieces will also be considered for JACC: Basic to Translational Science.

LETTERS TO THE EDITOR. A limited number of letters will be published. They should not exceed 500 words and should focus on a specific article that has appeared in JACC: Basic to Translational Science. Letters must be submitted within 3 weeks of the issue date of the article. No original data may be included. Type letters double-spaced and include the cited article as a reference. Provide a title page that includes authors’ names and institutional affiliations and a complete address for correspondence. Letters should be submitted online at http://www.jaccsubmit-basicts.org. Replies will generally be solicited by the Editors.
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Animal investigation must conform to the "Position of the American Heart Association on Research
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PREPARATION
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The text should be structured as Introduction, Methods, Results, and Discussion. Use headings and
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replace the abstract (see Visual Abstract instructions).

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describe the consequences of the study for current practice. The translational outlook identifies
the potential barriers to clinical translation, emphasizing directions for additional research. Clinical
Competencies. Competency-based learning in cardiovascular medicine addresses the 6 domains
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**Perspectives**

**Translational Outlook.** Translating biomedical research from the laboratory bench, clinical trials or global observations to the care of individual patients can expedite discovery of new diagnostic tools and treatments through multidisciplinary collaboration. Effective translational medicine facilitates implementation of evolving strategies for prevention and treatment of disease in the community. The Institute of Medicine identified two areas needing improvement: testing basic research findings in properly designed clinical trials and, once the safety and efficacy of an intervention has been confirmed, more efficiently promulgating its adoption into standard practice (Sung NS, Crowley WF, Genel M. The meaning of translational research and why it matters. JAMA 2008;299:3140–3148).

The National Institutes of Health (NIH) has recognized the importance of translational biomedical research, emphasizing multifunctional collaborations between researchers and clinicians to leverage new technology and accelerate the delivery of new therapies to patients (http://www.ncats.nih.gov/about/about.html).

Authors are asked to place their work in the context of the scientific continuum, by identifying impediments and challenges requiring further investigation and anticipating next steps and directions for future research.

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Acknowledgments or appendices should be concise. Signed letters of permission from all individuals listed in the acknowledgments must be submitted to JACC: Basic to Translational Science.

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Example #1: http://basictranslational.onlinejacc.org/content/1/1-2/3
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