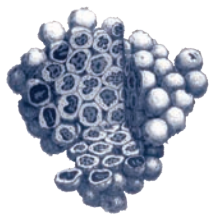


Announcing the first stem cell translational journal.



STEM CELLS TRANSLATIONAL MEDICINE™

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The thumbnail shows a journal cover with a large circular image of a cell cluster with green and red fluorescence. A dashed white line connects this to a smaller circular image of a similar cluster with a white box highlighting a region. Below this is another circular image of a cell cluster with red and blue fluorescence. At the bottom left is a small image of a yellow and red biological structure. The AlphaMed Press logo is at the bottom center, and the journal title and ISSN information are at the bottom left. An app icon is at the bottom right.

“Science moves forward through publications in outstanding, peer-reviewed journals. This new journal will provide a venue for studies that move stem cell research closer to clinical trials.”

- **Dr. Alan Trounson**
President, CIRM

(California Institute for Regenerative Medicine)

Call for Papers

www.StemCellsTM.com

About STEM CELLS TRANSLATIONAL MEDICINE

Mission

STEM CELLS TRANSLATIONAL MEDICINE is dedicated to significantly advancing the clinical utilization of stem cell molecular and cellular biology. By bridging stem cell research and clinical trials, STEM CELLS TRANSLATIONAL MEDICINE will help move applications of these critical investigations closer to accepted best practices.

STEM CELLS TRANSLATIONAL MEDICINE will publish high-impact, peer-reviewed articles. In addition to original manuscripts, case studies, and commentaries this unique journal will encourage researchers to submit data from their negative clinical trials for publication to rapidly share results that others could find valuable to their applications.

"This exciting new journal will foster the proper growth and ethical development in this fast-moving field. There is a gap in the existing stem cells journal spectrum that STEM CELLS TRANSLATIONAL MEDICINE will fill," said Dr. Atala. "STEM CELLS TRANSLATIONAL MEDICINE is the sister journal to STEM CELLS and together they will elevate the science to applications that will help the lives of many people."

STEM CELLS TRANSLATIONAL MEDICINE is a monthly publication that will be available beginning December 2011.

CIRM's Support

The California Institute for Regenerative Medicine (CIRM) is providing a three-year seed grant in support of the publication of STEM CELLS TRANSLATIONAL MEDICINE.



Editors



Anthony J. Atala, MD

AlphaMed Press is delighted to announce that Dr. Anthony J. Atala, a world-renowned leader in translational and regenerative medicine and currently Director of the Institute of Regenerative Medicine in Winston-Salem, NC, joins STEM CELLS TRANSLATIONAL MEDICINE as its Founding Editor.

Dr. Doug Losordo (Director, Program in Cardiovascular Regenerative Medicine and Director, Feinberg Cardiovascular Research Institute at Northwestern University) and Dr. Paolo De Coppi (Clinical Senior Lecturer and Consultant, Paediatric Surgery Unit, Institute of Child Health, University College London Medical School) join as Associate Editors.

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CALL FOR PAPERS

The potential of stem cells therapies and regenerative medicine is both provocative and powerful, offering the distinct possibility of eventually repairing or replacing tissues damaged from disease, including certain cancers. By helping speed expert translations of emerging lab discoveries into legitimate clinical trials and bedside application, STEM CELLS TRANSLATIONAL MEDICINE ultimately will improve patient outcomes.

STEM CELLS TRANSLATIONAL MEDICINE welcomes original articles and concise reviews describing the clinically relevant translational aspects of stem cells and progenitor cells for cell based therapy, tissue engineering and regenerative medicine from the bench to patient care. The Journal covers all clinical translational aspects of stem cells. The following sections include, but are not limited to, the topics listed:

Embryonic Stem Cells/Induced Pluripotent Stem (iPS) Cells

- Derivation, characterization and differentiation for clinical use
- Cell banking
- Therapeutic potential
- Animal models
- Translational pre-clinical studies
- Clinical applications
- First in human case studies
- Phase I/II clinical trials
- Negative clinical results

Fetal and Neonatal Stem Cells

- Derivation, characterization and differentiation for clinical use
- Cell banking
- Therapeutic potential
- Animal models
- Translational pre-clinical studies
- Clinical applications
- First in human case studies
- Phase I/II clinical trials
- Negative clinical results

Tissue-Specific Progenitor and Stem Cells

- Derivation, characterization and differentiation for clinical use
- Cell banking
- Therapeutic potential
- Animal models
- Translational pre-clinical studies
- Clinical applications
- First in human case studies
- Phase I/II clinical trials
- Negative clinical results

Cell Based Drug Development, Screening and Toxicology

- Derivation, characterization and differentiation
- In-vivo models
- In-vitro models
- Throughput systems

Enabling Technologies for Cell-Based Clinical Translation

- Cell tracking
- Cell delivery vehicles
- Biomaterials
- Devices
- Imaging
- Diagnostics

Cancer Stem Cells

- Characterization
- Therapeutic targets
- Animal models
- Translational pre-clinical studies
- Clinical applications
- First in human case studies
- Phase I/II clinical trials
- Negative clinical results

Standards, Policies, and Regulations for Cell-Based Therapies

- Cell standards
- Intellectual property relevant to clinical translation
- Cell toxicology/ tumorigenesis and other assays
- Regulations for manufacturing
- Regulations for clinical trials

Protocols and Manufacturing for Cell-Based Therapies

- GMP aspects
- Cell based processing/expansion
- Cell based potency/storage
- Quality assurance/control
- Scale-up and production
- Cell based therapies release criteria

Tissue Engineering and Regenerative Medicine

- Applications for cell-based strategies in pathological conditions
- Tissue engineering
- Medical device and artificial organ development
- Cell transplantation and technologies that will maintain, improve, or restore the function of diseased organs
- Therapeutic potential
- Animal models
- Translational pre-clinical studies
- Clinical applications
- First in human case studies
- Phase I/II clinical trials
- Negative clinical results



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The Dawning of a New Era

The Editors of STEM CELLS and STEM CELLS TRANSLATIONAL MEDICINE discuss the maturation of the field of stem cells and its future in clinical practice.



Anthony J. Atala, Miodrag Stojković, & Martin J. Murphy, Jr.



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Download it now, free, and have instant access to new articles, as well as video and audio podcasts featuring the latest research advances in the field.



Sister Journal

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