Instructions for Authors IVA

In Vitro Cellular & Developmental Biology – Animal (In Vitro Animal) is a journal of the Society for In Vitro Biology (SIVB). Original manuscripts reporting results of research in cellular, molecular, and developmental biology that employ or are relevant to organs, tissue, tumors, and cells in vitro will be considered for publication. The scope of the journal is embodied in the following matrix:

- Biotechnology
- Cell and Tissue Models
- Cell Growth/Differentiation/Apoptosis
- Cellular Pathology/Virology
- Cytokines/Growth Factors/Adhesion Factors
- Establishment of Cell Lines
- Product Applications
- Signal Transduction
- Stem Cells
- Toxicology/Chemical Carcinogenesis

CELL LINE AUTHENTICATION

To encourage the highest level of quality and accuracy in research submitted to the journal, In Vitro– Animal has put into effect a requirement for a statement to be included in all papers submitted to our journal beginning on January 1, 2009. This statement, which should be included in the Materials and Methods section of full articles and with the listing of materials in Reports, must include the following:

Authors must state:
1. Whether you have tested and authenticated the cell lines utilized in the research
2. List the method by which the cells were tested
3. List when the cells were last tested and where, or
4. State when the cells were obtained from a cell bank

All papers that do not include this information could have their manuscript returned with the requested revision to include this information. If you have not tested your cells for authentication, the paper might not be accepted. To access a database that lists cell lines that are currently known to be cross-contaminated or otherwise misidentified, please visit: http://iclac.org/databases/cross-contaminations/.

Re-authentication is not required for serially passaged cells obtained directly from an internationally recognized cell bank that performs cell line characterizations or from a characterized Master Cell Bank and proliferated in the users laboratory for less than 6 months after receipt or reconstitution.

MANUSCRIPT SUBMISSION REQUIREMENTS

When submitting a manuscript for consideration, authors should select the matrix heading, which best covers the scope of their manuscript. The journal publishes three types of manuscripts:

- Reports, Articles, Letters to the Editor, and Invited Reviews. Reports (formerly Scientific Letters to the Editor) are usually limited to three printed pages and no more than three illustrations that contain especially timely results that are of special interest to readers before development into a complete study. The Report format is particularly suited for characterizations of new cell lines, tools, techniques, and methods that do not justify a full Article. Reports receive expedited peer review and are subject to additional editorial review prior to final publication to comply with the Report format.

- Articles are not restricted in length. Letters to the Editor (formerly nonscientific Letters to the Editor) concerning a wide range of issues of interest to readers, including controversial opinions, quality control of cell cultures, etc., are welcomed and are subject to editorial or peer review. Unsolicited Reviews on relevant topics will be considered; however, it is recommended that authors contact the Editor prior to preparation. Both unsolicited and Invited Reviews are subject to rigorous editorial review, often in consultation with multiple experts in the field.

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ETHICAL COMPLIANCE

DISCLOSURE STATEMENTS

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Increasing problems of duplicate and fraudulent submissions and publications have prompted the editors of In Vitro Cellular and Developmental Biology - Animal to support the following overall principles of publication. While not intended as an all-inclusive document, these examples and guidelines should alert authors to potential problems that should be avoided when they are considering submission of a manuscript to a peer-reviewed journal. This consensus statement is intended as a basic guide for authors. In the interest of promoting the highest ethics in scientific publishing, we ask that authors take these criteria into careful consideration when submitting a manuscript to a peer-reviewed scientific journal.
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