

ARB Conference Hanoi 2015

ABSTRACT AND FULL PAPER GUIDLINES

1- ABSTRACT

- Language

Regular abstract should be written in English

- Structure of abstract

Abstract should include the following: Introduction, Materials and Methods, Results and Conclusion (maximum number of words: 1000). It is strongly recommended that abstracts should be adjusted to fit one page A4 size of paper.

Other formats of abstracts include:

1. Texts are Times New Roman font.
2. Title must be in CAPITAL LETTERS with 14 points and bold.
3. Authors must be 12 points and bold.
4. Body of Abstracts must be 12 points.

- Presentation style

You may select Oral, Short communication, or Poster presentation during the process of submission.

- Sample Abstract

INTERSPECIES SOMATIC CELL NUCLEAR TRANSFER FOR PRODUCING ANIMAL AND HUMAN EMBRYOS

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Since the birth of first cloned mammalian animal using somatic cell nuclear transfer (SCNT) was announced in 1997, several live cloned domestic, laboratory and companion species have been produced using homologous oocytes. In the last decade, scientists demonstrated that live offspring can be produced by interspecies SCNT (iSCNT), however, the success rate still very low. The ultimate goal of iSCNT is an alternative technique for producing embryos and offspring of endangered species. The iSCNT procedure need oocytes of animals which are the same genus of individual that we want to propagate. There are extremely lack of homologous oocytes and recipients as perform in traditional SCNT.

In human therapeutic cloning, we need to produce blastocysts before establishment of embryonic stem cells (ESCs). There are few reports showing that human embryos can be produce by SCNT with success rates between 5-30% which it mainly depends on quality of recipient oocytes. Recently, we still face the ethical controversy to get human oocytes for SCNT. The iSCNT for producing human embryos is of interested to get more oocytes and high potential to get iSCNT blastocysts for producing human ESCs. To date, the production of human iSCNT blastocysts is faced with several obstacles.

There are numerous technical and biological factors affecting the success of SCNT. The low frequency of successful has been associated with abnormal nuclear and epigenetic reprogramming, mitochondrial heteroplasmy as well as incompatibilities between the nucleus and cytoplasm that could possibility impair embryo development, high abortion rate, anatomical and physiological abnormalities of fetus, offspring died immediately before and after birth. Although iSCNT has potential application for conservation of endangered species, numerous factors which involve in low efficiency of embryo production and survival of live birth need to be examined. This work was supported by National Center for Genetic Engineering and Biotechnology (BIOTEC) and Suranaree University of Technology.

2- FULL PAPER MANUSCRIPTS

File Formats

For manuscript text and tables, our preferred file format is Microsoft Word (.doc), but other word-processing formats can be submitted. For MS Office 2007, please save documents as Word 97-2003 format. Please provide tables in a separate file to the text. We recommended that at initial submission, you mDF file containing all text and figures.

Title page

Include a separate title page with the title, authors names and full addresses; use superscript numbers after authors names for addresses.

Title: Use upper and lower case letters. Please make the title a clear and concise summary of your specific findings and avoid specialist abbreviations.

- Provide a short title of not more than 40 characters (including spaces) as a running head.
- Indicate the person to whom correspondence should be addressed (include email address).

Abstract

The abstract should be a single paragraph of not more than 250 words. State clearly the objective of the study or review, the methods used (where applicable), and summarize results and conclusions.

Do not cite references. Avoid abbreviations and acronyms.

Introduction

Provide a clear statement of the problem and cite the relevant literature on the subject; follow this with a concise statement of the objectives of the study.

Materials and methods

Sufficient information should be provided so that other workers can repeat the study. If well-established methods are used give a reference to the technique; full details of any modifications should be provided. Use generic names of chemicals, drugs, antibodies, reagents, enzymes, etc.; avoid using brand names unless the composition of a particular brand is critical to the methodology. Please provide institutional affiliations of individuals or companies who have donated supplies or reagents. Include statistical methods used for data analysis. Do not describe methods in figure legends.

The full binomial Latin names should be given for all experimental animals other than common laboratory animals. State also the breed or strain and source of animals, and give details of age, weight, sex and housing.

Results

Present findings in appropriate detail and refer to tables and figures in order, but without discussion.

- Nucleotide sequences should be submitted to GenBank (<http://www.ncbi.nlm.nih.gov/Genbank/index.html>), EMBL (<http://www.ebi.ac.uk>), or DNA Data Bank of Japan (<http://www.ddbj.nig.ac.jp>) database, and the accession number and date of accession should be noted in the text. Providing the link saves space and takes the reader directly to the complete information. If you do need to include sequence information, they must be presented as figures, not tables, or, preferably, included as Supplemental Data.
- Genomic and proteomic data should be deposited with the NCBI gene expression and hybridization array data repository (GEO, <http://www.ncbi.nlm.nih.gov/geo>).

Discussion

Provide a clear and concise interpretation of the results; avoid redundant summaries.

Acknowledgements

Acknowledge assistance other than financial support, e.g., technical help, editorial assistance, etc.

References

We recommend a maximum of 50 references. Authors bear total responsibility for the accuracy of all references. All references cited in the text should be included in the reference list.

- Include only references that appear in peer-reviewed publications or other published works that are accessible to most scientists.
- Only published articles or articles accepted for publication qualify as references. Articles that have been "conditionally accepted", and "submitted" are not acceptable.
- Abstracts in proceeding of conferences may not be used as references.
- Cite personal communications and unpublished data only if necessary; please provide the name or names of individuals associated with the unpublished data, e.g., (Van Thuan and Wakayama or Van Thuan et al., unpublished data).

Use the following style:

Wakayama S, Kishigami S, Van Thuan N, Ohta H, Hikichi T, Mizutani E, Yanagimachi R, Wakayama T. Propagation of an infertile hermaphrodite mouse lacking germ cells by using nuclear transfer and embryonic stem cell technology. *Proc Natl Acad Sci U S A*. 2005; 102:29-33.

Bui HT, Wakayama S, Kishigami S, Park KK, Kim JH, Van Thuan N, Wakayama T. Effect of trichostatin A on chromatin remodeling, histone modifications, DNA replication, and transcriptional activity in cloned mouse embryos. *Biol Reprod*. 2010 (in press).

In the text

Cite references in the text in chronological order and use et al. for more than two authors, eg: (Van Thuan & Wakayama 2010; Wakayama et al. 2010; Wakayama 2010).

Tables

Tables should be concise and informative. The title should be a single sentence at the head of the table. Give a short heading for each column, and do not use internal horizontal and vertical lines. Any additional explanatory material should appear as footnotes, cross-referenced to the column entries. Explain all abbreviations used in the table in the footnotes.

Figures

Reproductive Biotechnology is committed to publishing high quality figures.

EPS or TIFF files are preferred; files should be exported in Illustrator compatible format. Any Photoshop (TIFF or JPEG) or PDF files should be at least 300 dpi at the final published width (avoid using PowerPoint files).

Label figure sections as A, B etc in the top left-hand corner. Indicate magnification by a scale bar in the bottom right-hand corner of the image; give the measurement in the legend. Arial font is preferred for text labels.

Include legends to all figures, giving the figure number, keys to any symbols used and the name of the organism studied.

Please contact the Editorial Office for more information: e-mail: reprodbiotech@arbs.org

Supplementary data

Supplemental data may be submitted online at the time of submission. It is the authors' responsibility to indicate in the cover letter if the data are for review purpose only or if the data are intended for publication with the online versions. If for review-purposes only, include text with the supplemental file indicating "for review purposes only".

File size limit for supplementary data: 5 MB for figures and tables, 10 MB for movies.

Acceptable format for Figures: TIFF, JPEG, PDF. Acceptable format for Tables: PDF.

Acceptable format for movies: MOV, MPEG.

The total number of Supplemental Data Files is not exceed 10 files and the total number of megabytes is not exceed 10 MB.