



Results for SYNTHETIC HU... >

MENU

Synthetic Human Embryos, Embryo Models and Embryo-like Structures in I...



# Synthetic Human Embryos, Embryo Models and Embryo-like Structures in Islam

[Are you this author?](#)

**By**

Muhsin, SM (Muhsin, Sayyed Mohamed) ; Jalil, MNA (Jalil, Mohd. Noh Abdul) ; Al-Akiti, MA (Al-Akiti, Muhammad Ayman) ; Duriat, F (Duriat, Fazrihan) ; Ahmad, MF (Ahmad, Mohd Faizal) ; Chin, AHB (Chin, Alexis Heng Boon)

[View Web of Science ResearcherID and ORCID](#) (provided by Clarivate)

**Source**

THEOLOGY AND SCIENCE  
Volume: 22 Issue: 4 Page: 790-815  
DOI: 10.1080/14746700.2024.2399902

**Published**

OCT 1 2024

**Early Access**

SEP 2024

**Indexed**

2024-09-21

**Document Type**

Article

**Abstract**

A major breakthrough in developmental biology is the ex vivo generation of synthetic human embryos from stem cells. A comprehensive, in-depth bioethical analysis from a Sunni Islamic perspective reveals that the reproductive applications of synthetic human embryos contravene Islamic precepts of preserving lineage integrity (Hifz al-Nasl) due to disruption and confusion of kins<sup>17</sup> and familial relationships, similar to human cloning with somatic cell nuclear transfer. However, their non-reproductive applications



in generating replacement tissues/organs, serving as in vitro experimental models of human development and disease, and testing platforms for evaluating pharmaceuticals and biomedical devices appear to align with Islamic principles.

**Keywords**

**Author Keywords:** Clone; ethics; Fatwa; Muslims; reproduction; Shariah; SHEEFs; Stembryos

**Addresses**

<sup>1</sup> Int Islamic Univ Malaysia IIUM, Islamic Jurisprudence, Kuala Lumpur, Malaysia

<sup>2</sup> Int Islamic Univ, Dept Usul Al Din & Comparat Relig, AbdulHamid AbuSulayman Kulliyah Islamic Revealed, Kuala Lumpur, Malaysia

<sup>3</sup> Int Islamic Univ Malaysia, Dept Usul Al Din & Comparat Relig AHAS KIRKHS, Kuala Lumpur, Malaysia

<sup>4</sup> Financial Syariah Advisory Council FSAC, PERGAS Singapore Islamic Scholars & Religious Teac, Singapore, Singapore

<sup>5</sup> Pole Univ Euclide, Bangui, Cent Afr Republ

[...more addresses](#)

**Categories/  
Classification**

Research Areas: History & Philosophy of Science; Religion

Citation    6 Social    >    6.24 Psychiatry &    >    6.24.2148  
Topics:    Sciences    >    Psychology    >    Milgram

**Web of Science  
Categories**

History & Philosophy Of Science; Religion

**Language**

English

**Accession  
Number**

WOS:001312599100001

**ISSN**

1474-6700

**eISSN**

1474-6719

**IDS Number**

JOS6M

[– See fewer data fields](#)

## Citation Network

---

In Web of Science Core Collection

0 Citations

49

Cited References

## Use in Web of Science

---

3

Last 180 Days

3

Since 2013

### This record is from:

#### Web of Science Core Collection

- Science Citation Index Expanded (SCI-EXPANDED)
- Arts & Humanities Citation Index (A&HCI)

---

### Suggest a correction

If you would like to improve the quality of the data in this record, please [Suggest a correction](#)



Accelerating innovation

© 2025 Clarivate Data Correction Copyright NoticeManage cookie preferences Follow Us

Training Portal Privacy StatementCookie Policy

Product SupportNewsletter

Terms of Use

