

Brought to you by [INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA](#)

Scopus

[Back](#)

Confugenics - East Asian culture favors uptake of human cognitive enhancement and IVF genetic technologies amid demographic challenges

[Monash Bioethics Review](#) • Note • 2025 • DOI: 10.1007/s40592-025-00244-3

[Chin, Alexis Heng Boon](#)^a ; [Rueda, Jon](#)^b ; [Sun, Ningyu](#)^c ; [Dang, Truc Ngoc Hoang](#)^d ; [Bosenge-Nguma, Jean Didier](#)^e ; +2 authors

^a Singapore Fertility and IVF Consultancy Pty Ltd., Singapore, Singapore

[Show all information](#)

0

Citations

[Full text](#) [Export](#) [Save to list](#)

Document

Impact

Cited by (0)

References (151)

Similar documents

Abstract

This study examines the declining fertility rates in East Asian Confucian societies, focusing on the unique childrearing practices and how future advancements in human enhancement and reprogenetic technologies may further accelerate the demographic decline. The focus is on the obsession with “child perfectionism” driven by the pursuit of academic credentialism and hypercompetitive social norms. This phenomenon has roots in the historical imperial examinations of China and has evolved into modern college entrance exams. Recent growth in knowledge-based and technology-driven economies in East Asia has further fueled this trend, leading to the widespread practice of “tiger parenting” whereby parents push their children into the competitive educational system at an early age, often paying high fees for private tuition. Such intense pressure discourages many families from having more children, with some couples choosing not to have any children at all. The development of cognitive-enhancing brain chips and reprogenetic technology

platforms for consumer eugenics, such as germline genome editing and polygenic embryo screening, may further increase financial strain on parents, potentially accelerating demographic decline. The term “Confugenics” is thus proposed to describe the intersection of these new eugenics and enhancement technologies with the Confucian emphasis on academic success, which may worsen the demographic crisis. © The Author(s) under exclusive licence to Monash University 2025.

Author keywords

Brain microchips; Chinese; Ethics; Gene editing; Polygenic embryo screening (PES); Polygenic risk scores (PRS); Preimplantation genetic testing (PGT); Reprogenetics

Indexed keywords

MeSH

Asia, Eastern; Birth Rate; Cognition; Confucianism; Demography; East Asian People; Eugenics; Female; Fertilization in Vitro; Genetic Enhancement; Humans; Male; Parenting

EMTREE medical terms

birth rate; cognition; Confucianism; demography; East Asian; ethics; eugenics; Far East; female; genetic enhancement; human; in vitro fertilization; male; parent

Corresponding authors

Corresponding author	A.H.B. Chin
----------------------	-------------

Affiliation	Singapore Fertility and IVF Consultancy Pty Ltd., Singapore, Singapore
-------------	--

Email address	boonchinheng@yahoo.com
---------------	------------------------

Corresponding author	S.M. Muhsin
----------------------	-------------

Affiliation	Department of Fiqh and Usul al-Fiqh, AHAS KIRKHS, International Islamic University Malaysia, Gombak, Malaysia
-------------	---

Email address	muhsin@iium.edu.my
---------------	--------------------

© Copyright 2025 Elsevier B.V., All rights reserved.

Abstract

Author keywords

Indexed keywords

Corresponding authors

About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

Language

[日本語版を表示する](#)

[查看简体中文版本](#)

[查看繁體中文版本](#)

[Просмотр версии на русском языке](#)

Customer Service

[Help](#)

[Tutorials](#)

[Contact us](#)

ELSEVIER

[Terms and conditions](#) ↗ [Privacy policy](#) ↗ [Cookies settings](#)

All content on this site: Copyright © 2025 [Elsevier B.V.](#) ↗, its licensors, and contributors. All rights are reserved, including those for text and data mining,

AI training, and similar technologies. For all open access content, the relevant licensing terms apply.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the [use of cookies](#) ↗.

