



**Does Science Pose a Threat to
Today's Catholicism?**

Revd Dr Gareth Leyshon
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[catholicpreacher.
wordpress.com](https://catholicpreacher.wordpress.com)

Relevant sources for ideas presented in these slides:

**ENCYCLICAL *HUMANI GENERIS* OF THE HOLY FATHER PIUS XII ... CONCERNING SOME FALSE OPINIONS
THREATENING TO UNDERMINE THE FOUNDATIONS OF CATHOLIC DOCTRINE (1950)**

https://www.vatican.va/content/pius-xii/en/encyclicals/documents/hf_p-xii_enc_12081950_humani-generis.html

**LETTER OF HIS HOLINESS JOHN PAUL II TO REVEREND GEORGE V. COYNE, S.J.
DIRECTOR OF THE VATICAN OBSERVATORY (1988)**

https://www.vatican.va/content/john-paul-ii/en/letters/1988/documents/hf_jp-ii_let_19880601_padre-coyne.html

THE INTERPRETATION OF THE BIBLE IN THE CHURCH

A 1994 document from the Pontifical Biblical Commission – therefore not the official teaching of the Magisterium, but an advisory document for the Pope and Curia in developing teaching.

Not hosted directly on the Vatican website, but can be found here:

<https://www.ewtn.com/catholicism/library/interpretation-of-the-bible-in-the-church-2319>

ADDRESS TO THE PLENARY SESSION ON 'THE ORIGINS AND EARLY EVOLUTION OF LIFE'

John Paul II, 22 October 1996

<https://www.pas.va/en/magisterium/saint-john-paul-ii/1996-22-october.html>

COMMUNION AND STEWARDSHIP: Human Persons Created in the Image of God

A 2004 document of the INTERNATIONAL THEOLOGICAL COMMISSION, published with the approval of the Congregation for the Doctrine of the Faith

https://www.vatican.va/roman_curia/congregations/cfaith/cti_documents/rc_con_cfaith_doc_20040723_commun-ion-stewardship_en.html#_edn1

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PLURIPOTENT STEM CELLS: RECENT ADVANCES AND EMERGING TRENDS

A special edition of a medical journal collating the 2025 state of the art of creating pluripotent human cells.

<https://pmc.ncbi.nlm.nih.gov/articles/PMC12025069/>

HUMAN BRAIN ORGANIDS ASSEMBLE FUNCTIONALLY INTEGRATED BILATERAL OPTIC VESICLES

Gabriel E, Albanna W, Pasquini G, et al. *Cell Stem Cell*. 2021;28(10):1740-1757.e8.

<https://pubmed.ncbi.nlm.nih.gov/34407456/>

SPLIT-BRAIN: WHAT WE KNOW NOW AND WHY THIS IS IMPORTANT FOR UNDERSTANDING CONSCIOUSNESS

de Haan EHF, Corballis PM, Hillyard SA, et al. *Neuropsychol Rev*. 2020;30(2):224-233.

<https://pmc.ncbi.nlm.nih.gov/articles/PMC7305066/>

OUR BRAINS REVEAL OUR CHOICES BEFORE WE'RE EVEN AWARE OF THEM

Lachlan Gilbert 6 March 2019

<https://www.unsw.edu.au/newsroom/news/2019/03/our-brains-reveal-our-choices-before-were-even-aware-of-them--st>

See also:

- <https://pmc.ncbi.nlm.nih.gov/articles/PMC3124546/>
- <https://pmc.ncbi.nlm.nih.gov/articles/PMC3746176/>

NATURAL HUMAN CHIMERAS: A REVIEW

Kamlesh Madan *European Journal of Medical Genetics* Volume 63, Issue 9, September 2020, 103971

<https://www.sciencedirect.com/science/article/pii/S1769721220302895>

MIRACLES IN MEDICINE

Peter May, *Science & Christian Belief*, Vol 29, No. 2

Covers critique of Lourdes Miracles 64 & 65

<https://www.cis.org.uk/serve.php?filename=scb-29-2-may.pdf>

NEANDERTHALS AND *HOMO SAPIENS* INTERBRED WITHIN THE PAST 50,000 YEARS

James Ashworth, Natural History Museum (London), 12 December 2004

<https://www.nhm.ac.uk/discover/news/2024/december/neanderthals-homo-sapiens-interbred-within-past-50000-years.html>

ROME CALL FOR AI ETHICS

Pontifical Academy for Life. Rome, February 28th, 2020

https://www.vatican.va/roman_curia/pontifical_academies/acdlife/documents/rc_pont-acd-life-doc_20202228_rome-call-for-ai-ethics_en.pdf

A QUANTUM CRITIQUE OF AQUINAS

Joshua Issa, *Medium*, 18 Oct 2023

<https://itsjoshissa.medium.com/a-quantum-critique-of-aquinas-4152a2af840a>

SCIENCE POSTERS FROM *WORD ON FIRE*

<https://www.wordonfire.org/articles/new-word-on-fire-science-website-free-posters/>