



Three Abortion Questions



Why it matters: Understanding three key abortion questions and their answers is crucial for determining when, and if, a developing baby has human rights.

Does the unborn at their current stage of development meet these three criteria?

1. Is the unborn *genetically human* (as opposed to a plant or animal): *Yes or No?*
2. Is the unborn *alive* in the womb (living cells versus dead cells): *Yes or No?*
3. Is the unborn *unique* from other humans (i.e. having unique DNA from the mother and father): *Yes or No?*

What does it mean to be genetically human?

Our understanding of being genetically human means having the specific DNA that defines Homo sapiens. This includes the human genome, with about 3 billion DNA base pairs and 20,000-25,000 genes, organized into 46 chromosomes (23 pairs). Humans share 99.9% of their DNA, but the 0.1% variation creates individual differences. Unique gene patterns shape human traits, and DNA is inherited from both parents, each providing half through their reproductive cells. This unique genetic makeup determines the development and functioning of a human being, including the sex chromosomes (X and Y) determining if a person is male or female. An actively developing human baby does qualify as being genetically human.¹

What does it mean to be alive at a cellular level?

Determining whether a cell is alive involves assessing key biological processes. Living cells engage in metabolism, including the synthesis and breakdown of molecules to release energy, primarily through ATP production in mitochondria. They maintain homeostasis, keeping stable internal conditions. Growth and division involve a regulated cycle of DNA replication and cell division. Protein synthesis, involving transcription of DNA to mRNA and translation to proteins, is essential. Living cells respond to external stimuli and eliminate waste efficiently. Methods to assess cell viability include observing cell morphology, using flow cytometry for viability markers, and performing metabolic and enzyme activity assays. A cell's ability to sustain these functions and maintain structural integrity while lacking signs of death determines its status as alive. An actively developing human baby does qualify as being alive at a cellular level.²

What does it mean to be unique from other humans?

Having distinctly different DNA plays a role in physical uniqueness (eye color, height, etc.), mental uniqueness (genes like COMT and DRD4), and some believe spiritual uniqueness (genes like VMAT2). Identical human twins, despite their similarities, have unique DNA, making each twin physically, mentally, and spiritually unique with individual rights. Similarly, at conception (the moment of fertilization when the sperm and egg combine, creating a zygote), a human embryo's DNA becomes distinct from both parents and from anyone else, establishing this uniqueness also referred to as embryonic genome activation (EGA) which starts at the one-cell stage and completing at the eight-cell stage. By the eight-cell stage the unborn has their own separate and unique DNA, making them distinctly different from the parents.^{3, 4}

When a human egg is fertilized it emits a flash of light (or light halo) called a “zinc spark.” This happens due to the rapid release of zinc ions shortly after the sperm merges with the egg. These zinc sparks mark the successful merger of a sperm and egg as well as the activation and the start of embryonic development. The flash of light at fertilization is a measurable event crucial to early personhood status and perhaps the very moment the physical body is linked to the soul/spirit.⁵

Summary:

If you answered *yes* to the above three questions – and in light of the additional information presented – then logically ending the life of an *alive unique human* would be considered murder under ancient historical laws,^{6, 7} national and international laws,^{8, 9} and biblical human rights laws^{10, 11, 12, 13} unless it is for the purpose of saving another human life.¹⁴ The Bible describes the importance of human life in the womb and the consequences to harming them.^{15, 16, 17} Even at only eight-cells in size the developing baby is considered a separate human life from the mother containing their own unique DNA¹⁸ with the spark of a unique soul/spirit.¹⁹ Hiring a surgeon to premeditatedly end the life of someone who would otherwise grow to be an adult, is as wrong as hiring a hitman to murder an adult who could have lived a longer life.

All credit, praise, honor, and glory belongs to our beloved God!

Bibliography

Note: Whenever possible, the Wayback Machine (<https://web.archive.org>) was used to permanently archive and preserve the integrity of the web based reference, at the time it was used as a reference. Since the Wayback Machine appends the original website onto the end of the Wayback Machine link, you need to manually copy and paste the entire link into a web browser for the archive.org links to work correctly. Also, a large number of old and/or out of print books are available for free to download from the world's largest library and university repository at <http://www.archive.org>, and can also be located at <https://books.google.com>.

- ¹ National Human Genome Research Institute Authors. “What’s a Genome?” *National Human Genome Research Institute (NHGRI)*. July 22, 2024.
- ² National Geographic Society Authors. “History of the Cell: Discovering the Cell.” *National Geographic Society*. October 19, 2023.
- ³ Housman, Genevieve. “Because Your DNA Says So.” *Arizona State University*. July 22, 2024.
- ⁴ Maki Asami, Brian Y.H. Lam, Marcella K. Ma, etc. “Human embryonic genome activation initiates at the one-cell stage.” *Cell Press*. December 21, 2021. (Note: At the eight-cell stage the unborn human has uniquely different and distinct DNA as compared to the parents, which means at this stage the unborn is not part of the mother’s body.)
- ⁵ Courtney Hunt, Kara Dunn. “The Quantum Mechanics of Fertilization: Your Spark is Light.” *Dr. Courtney Hunt Website*. May 26, 2023.
- ⁶ Sumerian king Ur-Nammu. “Capital offences: murder, robbery...” *Code of Ur-Nammu*. 2100-2050 BC.
- ⁷ Lucius Cornelius Sulla. “Laws against punishment of murderers, poisoners, abortionists, human sacrifice, and malign magicians...” *Lex Cornelia de sicariis et veneficis - The Cornelian Law against Murderers and Poisoners*. 81 B.C. (Note: Roman statute enacted by Lucius Cornelius Sulla in 81 BC during his dictatorship to write laws and reconstitute the state)
- ⁸ The Founding Fathers of the United States of America. “We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the pursuit of Happiness.” *Preamble to the Declaration of Independence*. June 1776.
- ⁹ European Court of Human Rights. “Guide on Article 2 of the Convention – Right to life.” *Guide on Article 2 of the European Convention on Human Rights*. August 31, 2023.
- ¹⁰ Teaching of the Twelve Apostles. “thou shalt not kill a child by abortion, neither shalt thou slay it when born...” *The Didache*. c. A.D. 100 (Note: Believed to be the oldest extant Christian catechism, “the Didache,” written right around the end of the first century)
- ¹¹ The Biblical Authors. “And Cain talked with Abel his brother: and it came to pass, when they were in the field, that Cain rose up against Abel his brother, and slew him. And the Lord said unto Cain, Where is Abel thy brother? And he said, I know not: Am I my brother's keeper? And he said, What hast thou done? the voice of thy brother's blood crieth unto me from the ground. And now art thou cursed from the earth, which hath opened her mouth to receive thy brother's blood from thy hand; When thou tillest the ground, it shall not henceforth yield unto thee her strength; a fugitive and a vagabond shalt thou be in the earth.” *Genesis 4:8-12 (KJV)*.
- ¹² The Biblical Authors. “Thou shalt not kill.” *Exodus 20:13 (KJV)*.
- ¹³ The Biblical Authors. “And surely your blood of your lives will I require; at the hand of every beast will I require it, and at the hand of man; at the hand of every man's brother will I require the life of man. Whoso sheddeth man's blood, by man shall his blood be shed: for in the image of God made he man.” *Genesis 9:5-6 (KJV)*.
- ¹⁴ The Biblical Authors. “Greater love hath no man than this, that a man lay down his life for his friends.” *John 15:13 (KJV)*.
- ¹⁵ The Biblical Authors. “Before I formed thee in the belly I knew thee; and before thou camest forth out of the womb I sanctified thee, and I ordained thee a prophet unto the nations.” *Jeremiah 1:5 (KJV)*.
- ¹⁶ The Biblical Authors. “And it came to pass, that, when Elisabeth heard the salutation of Mary, the babe leaped in her womb; and Elisabeth was filled with the Holy Ghost: And she spake out with a loud voice, and said, Blessed art thou among women, and blessed is the fruit of thy womb.” *Luke 1:41-42 (KJV)*.
- ¹⁷ The Biblical Authors. “If men strive, and hurt a woman with child, so that her fruit depart from her, and yet no mischief follow: he shall be surely punished, according as the woman's husband will lay upon him; and he shall pay as the judges determine. And if any mischief follow, then thou shalt give life for life, eye for eye, tooth for tooth, hand for hand, foot for foot, burning for burning, wound for wound, stripe for stripe.” *Exodus 21:22-25 (KJV)*.
- ¹⁸ Maki Asami, Brian Y.H. Lam, Marcella K. Ma, etc. “Human embryonic genome activation initiates at the one-cell stage.” *Cell Press*. December 21, 2021. (Note: At the eight-cell stage the unborn human has uniquely different and distinct DNA as compared to the parents, which means at this stage the unborn is not an extension of the mother’s body.)
- ¹⁹ Courtney Hunt, Kara Dunn. “The Quantum Mechanics of Fertilization: Your Spark is Light.” *Dr. Courtney Hunt Website*. May 26, 2023.

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