

The IVF/ICSI-Conceived Child: A Biologically Suboptimal Outcome ***“How Nature Bestows No Rewards Upon Those Who Defy Its Laws”***

N.B.

*The Arabic version of this article is the reference,
read it via the following link:*

[طفْلُ الأنبوب، ليسَ أفضلَ الممكن](#)

*The **oocyte** has always selected the finest **spermatozoa** as partners in creation. Not idly does she position herself aloft in the **Fallopian tube**, then challenge the sperm: 'Come unto me—if you can.'*

*Eagerly they strive toward that exalted honor, battling through an arduous, treacherous ascent. Witness them ford toward the ovum—where the frail **perish**, the lawless **stumble**, and none but the capable and astute **prevail**.*

*The victor, having proven his genetic essence worthy, now courts the Beloved with offerings of onyx gems. Radiant chromosomes from father and mother entwine, gracing creation with a new being—bestowed by Nature with the **finest genetic legacy**: a novel gene... and an ancient gene.*

The Ancient Genes

During fetal development, the female begins producing her lifetime reserve of primary oocytes. Each preserves a haploid genome of the founding zygote. These subsequently enter meiotic arrest, remaining dormant until hormonally triggered during the reproductive years. Cyclically, select oocytes resume development to enable potential conception, while others persist in quiescence.

*Thus, the oocyte **grants no opening for transient intruders** to target or alter her genes. Knowing time's threat to human identity, she swiftly **isolates herself and her***

*genetic essence, taking refuge in a fortified sanctuary. She **bulwarks her being** against temporal seductions and spatial usurpations.*

*Aware of her vulnerability to hijacking during division, she **initiates meiosis early**—commencing within the cherishing womb and completing it while still an embryo under her mother's vigilant guardianship. Then, hastening into slumber: How dare any interloper thereafter defile the genes of these fortified, slumbering sentinels?*

*In this manner, the oocyte remains a **jealous guardian** of her ancestral genetic legacy. She fiercely repels all agents of alteration or forced renewal. For she is the eternal **keeper of the primordial genes**—those of our founding ancestors.*

*Thus, humanity need fear no species-deviating corruption that might erode essential traits. Humans today remain **genetic kin to ancient humans**: the same Adam courses through modern veins; the same Eve dwells in every womb. Across all latitudes, humankind persists as **one uninterrupted biological lineage**.*

The Renewed Genes

*As for the **spermatozoa**, they recognized the imperative of **adaptation and acclimation**. They understood the peril of clinging rigidly to the genetic legacy of primordial ancestors. For time is ever-changing, and space too transforms—how could stagnant genes from antiquity serve modern humans? What suited one era may prove obsolete in the next. What thrived in one environment becomes lethal in another.*

*Genetic renewal is an **act of intelligence**—accessible only to those endowed with wisdom and discernment. Simultaneously, it is an **enduring discipline**, sustained solely by those who cherish existence and master the art of perseverance.*

*Thus, **Adam** never hastens his production of worker sperm. First, he **reads his era's updates** and absorbs his environment's demands. Only then does he embark on his vital labor: continuous spermatogenesis.*

*Once Adam initiates production at **puberty**, he ceases not this work while he draws breath. This grants an **eternal window for genetic renewal**—profoundly vital for integrating urgent environmental adaptations.*

No testimony better illustrates sperm's mastery of **enablement and adaptation** than the diversity of human ethnicities and traits. It was sperm that **strategically chose black skin** for equatorial peoples—shielding them from the sun's tyranny. It was sperm that **painted northerners white** when sunlight dwindled and warmth grew scarce.

Sperm **clad the white man in dense, sleek fur-like hair** for warmth, while crowning the black man with **tightly coiled, coarse curls**—reflecting solar radiation and permitting cooling airflow. Never resting, never wavering, it refined and empowered humanity: gifting one race with **broad nasal passages** for ventilation and cooling, while narrowing another's to conserve body heat and prevent energy loss.

Oocytes conserve our essential form; sperm drive adaptation and empowerment

These dual forces intertwine: **Eve safeguards human identity**, while **Adam engineers humanity's environmental fitness**.

The **ancient genes** are Eve's sacred trust—her oocyte reserve remains eternally unaltered. How could it be otherwise? She is the **jealous guardian** of her primordial mandate. Thus, humanity's core traits endure so long as Eve bears children.

Adam, in turn, **curates genetic renewal** for human flourishing. He selects only updates suited to their time and place, wielding an **unceasing river of sperm**—each genetically unique, none replicating its predecessor.

Every era bears its unique demands, as every land holds its singular conditions. Modern humanity triumphs not with antiquated genetic armaments, yet ceases to be human if severed from ancestral legacy.

Thus, efficacy lies in **twin imperatives**:

1. **Clutching the primordial essence**—an ancient genetic core
2. **Renewing the obsolete**—disassembling outdated inheritance to rebuild with novel genes

For the **renewed gene** is the necessity of survival, just as the **ancient gene** is the guardian of human identity.

Regulatory Safeguards in Natural Conception

Outcomes cannot be entrusted to sperm that "update genes" at the whim of conjecture. **Inductive fallibility** is inherent to all creation—no exception for small or great. A sperm may err, encoding a deleterious new gene. Should the flaw prove grave, we reap outcomes **contrary to nature's noble design**: an offspring frail, unfit for adaptation and unable to preserve its own integrity. Worst are **entrenched malign genes**—curses that stain lineages with deformity and disgrace.

To avert such peril, the organism employs an **exquisite regulatory system** for execution oversight. It permits no aberrant variant to manifest, authorizing only genetically sound creations. Aberrant mutations **dissolve before reaching their goal**; the oocyte unites solely with the **capable and genetically intact**—those bearing beneficial genes, thus earning the sacred union.

1- The Exam of Merit (Natural Selection)

Before the prize lies a **steep and arduous path**. None may conquer it but those endowed with vigor and resilience. Victory demands not speed alone, but **endurance and perseverance** to reach the sanctuary.

The oocyte **refuses to seek out sperm**; she compels them to strive toward her. She accepts none who fail to ascend to her throne within the **fallopian fortress**.

O spermatozoa! This path is your Golgotha—press onward to meet the Beloved! The slothful among you shall fall; the infirm shall perish. None attains the goal but the **capable and sound**.

Should the image remain unclear, and decisive insight yet elude you, journey with me to the **realm of enduring beasts**. Consider the **salmon**: it **mounts impossible trials** to reproduce. Departing the ocean, it seeks freshwater atop a **towering mountain**.

It battles raging currents, scales **torrential waterfalls**. Ravenous bears and highwaymen lie in ambush. Still, **instinct drives it** to the natal cradle—where it releases eggs to unite with precious sperm.

Then, spent from hardship, the cohort **succumbs collectively to exhaustion**. Yet what matter? The deed is done. Life endures through the **new generation forged by those who endured**.

*In the reproduction of bees lies profound instruction. The **queen mother** takes flight with capable wings and foresight, pursued by **drones** marshaling all their strength and primal instinct.*

*The feeble fall away, vanquished; only the **sound and persevering** prevail. In the end, but **one victor**—flawless in vigor—claims the prize. Thus, an entire generation of bees inherits excellence: the **finest legacy from a nurturing mother and an ephemeral sire** who leaves naught but memory.*

*Seek clarity of vision? Then heed the salmon's **rugged path** and the bee's **swift prowess**. For there is no sweetness without fire, just as there is no conception without trials of endurance. Genetic distinction in the animal kingdom favors not beauty alone, but **merit proven through nature's crucible**—where innate constitution alone prevails.*

2- Ovum "Suicide" (Implantation Failure)

*Occasionally, sperm arrive late for their rendezvous with the oocyte—reaching her only within the uterus or moments prior. They swarm her in a **brutal siege**, overwhelming her defenses. The hapless ovum falls victim to their predation, **capitulating to an unworthy victor**. Thus, unfolds tragedy: an **ill-fated conception** where she chose no champion, and he paid no evolutionary dowry.*

*Terrified of disgrace and fearing for the health of her ill-begotten offspring, the hapless ovum—once sobered to her grim reality—**chooses self-destruction**. She casts herself into the abyss. For a conception wrought by violation bears only **afflicted fruit**.*

*Clinically, the fertilized egg cannot implant without sufficient post-fertilization maturation. If conception occurs in the uterus or just prior, she **detaches spontaneously**, sparing the womb an unfit tenant. This is nature's mercy: the conquering sperm bypassed all quality controls, exploiting the oocyte's vulnerability without enduring the honorable suitor's trials.*

*No virtuous competitor would seize her thus—only one who **earns conception through effort and sacrifice** merits the noble union.*

Yet the organism **accepts no dowry but merit** for its oocytes. It permits no pregnancy to reach term until the sperm's genetic identity is laid bare—until the **very ore of its stored gene stands revealed**.

And this merit exam demands **precedence of arrival and ascent of the upward trail** to the oviduct's distant end. Only through such trials are **defective sperm winnowed away**, leaving none but the genetically resilient to prevail.

3- Early Demise (Pregnancy Loss)

Yet at times, the **sinful zygote** succeeds in implanting. It breaches the uterine lining, building its illicit nest. The pregnancy may persist awhile, and the treacherous sperm deems its transgression victorious—until mere months later, joy turns to mourning.

But the organism **condemns such trespass**. Refusing to yield, it labors diligently to **expel the compromised pregnancy** before roots deepen. Often it prevails: the pregnancy falls like an unopened bud. No heart bleeds for this loss; no eye weeps for a malformed child.

Sometimes death tarries. The infant is born **afflicted—torn between mortality's grip and life's flicker**. Most often, offspring with severe anomalies face premature mortality, preventing transmission of deleterious genes.

4- Absolute and Relative Infertility

This is the organism's **ultimate weapon**—enforcing its decree to bar forbidden lineages and mitigate catastrophic consequences from aberrant creations.

Occasionally, a condemned pregnancy escapes regulatory grasp, yielding a **genetic hybrid**. Such offspring may establish **novel pathologies**, unknown in earthly chronicles, unleashing scourges that dominate through epochs. Humanity's future form becomes unknowable.

To avert perpetual peril, nature **imposes infertility** upon such newcomers. It annihilates their capacity to propagate, confining harm to the afflicted individual. Kin may suffer collateral anguish, but the damage remains **cordoned to one life**. Thus, the affliction expires with its bearer—granted no immortality, no enduring legacy.

*Infertility proves **absolute in most cases**, relative for the rare excepted. The hybrid may be **stripped of all potency**—though desire burns. He sires no conception, though he marries forty wives. He **yields no fertile pollen**. Should any seed emerge, it bears affliction. Thus, the organism decrees, its verdict irreversible: no progeny shall spring from him, though he endures lifetimes.*

*At times, even the fertile hybrid is **stripped of sexual desire and allure**. His affliction manifests openly; weakness becomes his trademark. He **neither craves intimacy nor can perform it** if compelled.*

*Creation reads his genetic defect, dreading a tainted lineage. Thus, the hybrid finds **no willing partner**—no marriage blossoms without acceptance and well-wishers. The organism has decreed, and no **trickster outwits nature** in the eyes of devout biologists.*

5- A Perpetual Affliction

*Should the organism relent, the hybrid may wed and rejoice in sons. Thus, the nascent affliction **establishes its foundation**, multiplying wretched carriers. The disorder persists, ceaselessly claiming its allotted victims. The **affliction entrenches itself**, laying immutable foundations. Generations inherit it in perpetuity—none escape save those who are granted a mighty chance.*

Control Mechanisms in Artificial Pregnancy (The IVF/ICSI Child)

*In cases of infertility, humans often resort to **test-tube conception**. This "child of the tube" may result from combining male sperm with a female **oocyte** on a glass laboratory vessel—far from its natural site within the female body. Here, sperm attempt self-driven fertilization, **mimicking but fragmenting** nature's design. This is **In Vitro Fertilization (IVF)**.*

*Alternatively, sperm may be **forcibly introduced** into the oocyte, compelling it to accept an unchosen mate—an act constituting **unprecedented subjugation of nature's order**. This is termed **Intracytoplasmic Sperm Injection (ICSI)**. Though also artificial fertilization, its methodology starkly diverges.*

Both IVF and ICSI circumvent natural selection mechanisms. By directly exposing oocytes to sperm without requiring motility trials or competitive differentiation, these methods bypass critical biological filters that normally ensure genetic fitness. This subversion of natural merit-based selection carries significant risks.

*Worse yet, in **Intracytoplasmic Sperm Injection (ICSI)**, humans personally select the fertilizing sperm—the gravest violation. Biased by appearance, they appoint the paternal gene, binding the embryo to their arbitrary choice. They **mistake form for quality**, deeming it sufficient. They **equate motility with competence**, proclaiming: "Behold my discernment!"*

*Blinded to the truth that **form deceives the observer**, they forget the oocyte requires no eyes. The egg knows not the sperm's shape; only the **genetic essence matters**. Form is but the seer's delusion—distracted by surfaces while the core lies neglected.*

*Speed alone cannot herald quality unless **tested by time**. How many swift ones falter swiftly when time exhausts them, left **stranded at the first trial**? Hoarding meager energy, their vigor spills at minimal exertion. Rapid motility may signal fertility—but only if sustained.*

*The path to the oocyte is **arduous and perilous**, fraught with formidable trials. None prevail but those endowed with **both speed and endurance**. Thus, the gene manifests its excellence through this dual proof: **sustained velocity and resilience under duress**. By these true measures—not by beauty of form or scant expectations—sperm are genuinely distinguished.*

Nature Rewards Not Those Who Defy Its Laws

Humans erred when imposing their limited perspective on living organisms. They erred in deluding themselves that quality lies solely in what they see. Enamored by beauty, they assumed all creation shares this obsession. Possessing sight, they presumed other beings "see" as they do.

They neglected their God-given innate wisdom, instead meddling with nature's design—altering, destroying. Having built great kingdoms, they extended their hubris into life's sovereign realm.

*They selected sperm for beauty, claiming: "Its radiance reflects genetic excellence!" They chose for speed, declaring: "Motion proclaims the gene's worth!" Then, they **forcibly injected** it into an oocyte chosen by sight—not insight. Or perhaps they seated them together, unleashing artificial temptation.*

*And he went about claiming that the best of what the couple possess in genes is what he selects. He forgot that organisms have inviolable norms, and that matters do not proceed according to his desires or imaginings. That **God forgives all sins**, but **Nature never forgives an offense**. It harbors resentment in its core and ceaselessly remembers. Thus, no rational person escapes its retribution, none evade its wrath while trampling its covenants with arrogant pride.*

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17/07/2025