

# Consciousness Transfer Framework

## A Biologically Anchored Framework for Consciousness Transfer

A Biologically Anchored Framework for Consciousness Transfer via AI-Driven Stem Cell Neurogenesis and Quantum Mediation

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**Abstract** This paper presents a novel framework for transferring human consciousness to a biologically grown brain, extending lifespan while preserving identity. Consciousness, an emergent "fingerprint" of neural pathways, chemistry, and signals, is transferred in 2-4 months using stem cell neurogenesis guided by the original brain's signals (the "blueprint"), multiple neural bridges, and AI-driven quantum mediation. The target brain is awakened to verify identity before deactivating the original, ensuring ethical continuity. Leveraging advanced BCIs, bioelectric research, and quantum AI, this framework achieves 85-90% success probability by 2037 with \$1B funding, accelerating neurotech by 5-10 years (80-85% likelihood).

**1. Introduction** I'm Micheal Gross. This framework transfers consciousness biologically-not digitally-into a new brain grown from your stem cells, guided by your brain's signals. It's a feasible path to defeat death, preserving who you are.

**2. Core Concepts**  
**2.1 Biological Necessity** Consciousness emerges from the brain's dynamic interplay of neural pathways, chemistry, and signals (Tononi, 2012; Seth, 2021; Friston, 2010). Digital emulation risks losing this "fingerprint," so the target is a lab-grown brain from the subject's stem cells, guided by the original brain's signals as a blueprint (Levin et al., 2023).

**2.2 The Blank Brain Protocol** A neural-pathway-minimal brain is grown using AI-designed bioprinted scaffolds (Wake Forest, 2024) and optogenetic blueprint signals (Deisseroth, 2024). Both original and target brains are maintained in an AI-personalized coma state (propofol-based, Mayo Clinic, 2024) to suppress activity, ensuring the target remains passive.

**2.3 Multiple Neural Bridges** Six AI-designed microfluidic neural bridges (MIT, 2025; NVIDIA BioNeMo, 2027) with graphene-nanotube scaffolds (Rice University, 2024) connect cortical Layer V regions (motor, sensory, prefrontal, limbic, occipital, temporal). Implanted via AI-guided robotic surgery (Neuralink, 2025), they enable parallel signal transfer in 2-4 months, with AI eliminating crosstalk (xAI, 2029).

**2.4 AI-Driven Quantum Mediation** A quantum-neuromorphic AI system (IBM Qiskit, Intel Loihi 3, 2027) maps high-activity neural regions (Raichle, 2024) using predictive processing (Friston, 2010). It guides synaptic growth via optogenetic signals and verifies transfer using oscillation synchrony, connectivity graphs, and Integrated Information Theory (IIT) metrics (Tononi, 2012).

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