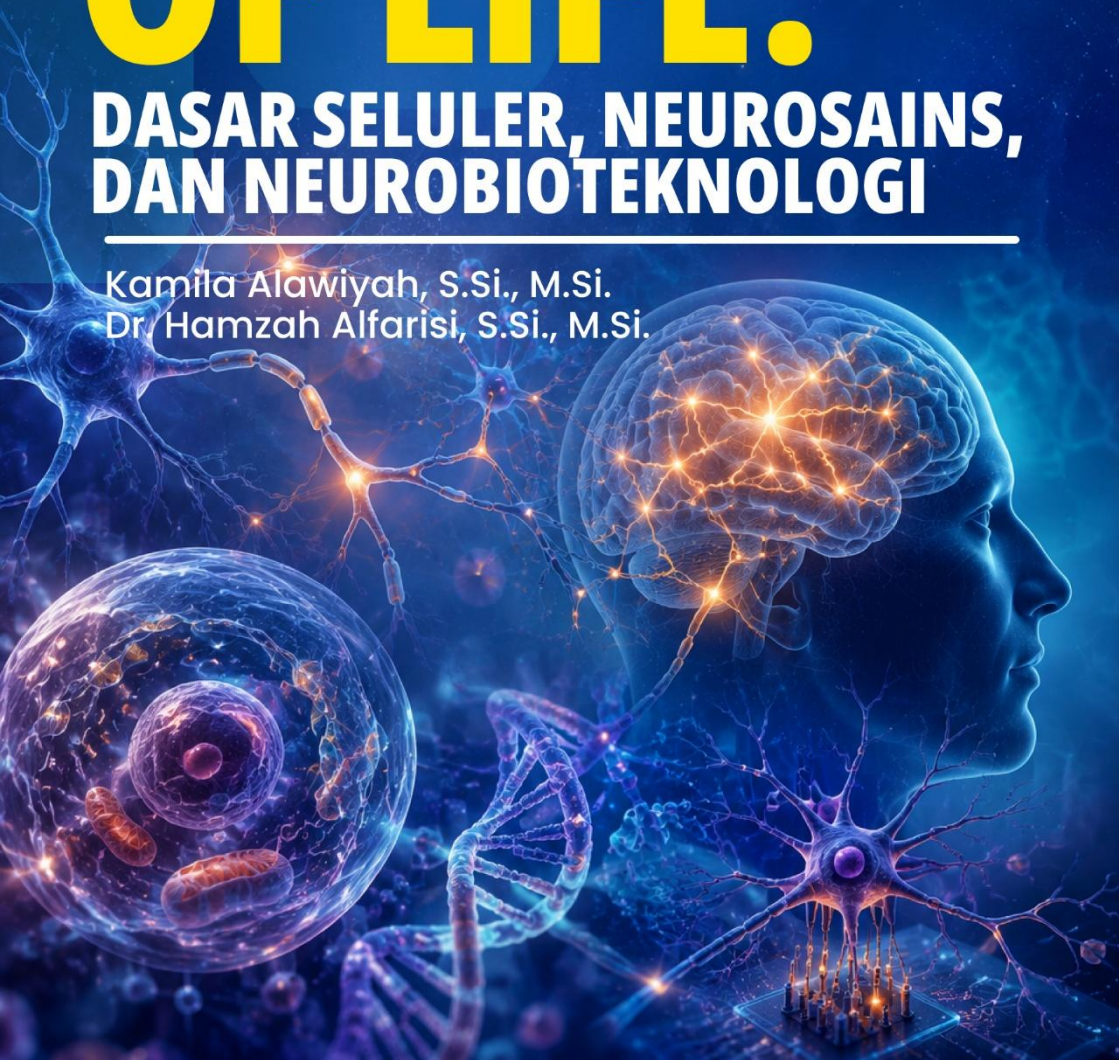


GENESIS OF LIFE:

**DASAR SELULER, NEUROSAINS,
DAN NEUROBIOTEKNOLOGI**

Kamila Alawiyah, S.Si., M.Si.
Dr. Hamzah Alfarisi, S.Si., M.Si.



Genesis of Life: Dasar Seluler, Neurosains, dan Neurobioteknologi

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KATA PENGANTAR

Puji syukur ke hadirat Tuhan Yang Maha Esa atas rahmat dan karunia-Nya, sehingga buku berjudul *Genesis of Life: Dasar Seluler, Neurosains, dan Neurobioteknologi* dapat disusun sebagai bacaan yang bermanfaat bagi masyarakat umum. Buku ini hadir untuk memperkenalkan dasar kehidupan manusia melalui pemahaman tentang sel, sistem saraf, dan perkembangan teknologi yang berkaitan dengan fungsi otak.

Kehidupan manusia tidak dapat dilepaskan dari kerja sel yang sangat kecil, tetapi memiliki peran besar dalam menjaga tubuh tetap hidup dan berfungsi. Otak sebagai pusat kendali tubuh juga menjadi bagian penting yang membentuk cara manusia berpikir, merasakan, bergerak, dan berinteraksi dengan lingkungan. Melalui buku ini, pembaca diajak memahami bahwa tubuh manusia merupakan susunan kehidupan yang luar biasa, teratur, dan saling terhubung.

Semoga buku ini dapat memperluas wawasan pembaca tentang dasar-dasar kehidupan, neurosains, dan neurobioteknologi dengan cara yang mudah dipahami. Penulis berharap buku ini menjadi bacaan yang menarik, memberi inspirasi, serta menumbuhkan rasa kagum terhadap kebesaran ciptaan Tuhan dalam struktur dan fungsi tubuh manusia.

Jakarta, Juni 2026

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Buku Genesis of Life: Dasar Seluler, Neurosains, dan Neurobioteknologi membahas kehidupan manusia dari sudut pandang sel, otak, dan perkembangan teknologi hayati modern. Pembaca diajak mengenal bagaimana sel bekerja sebagai unit dasar kehidupan, bagaimana sistem saraf mengatur pikiran, gerak, emosi, dan perilaku, serta bagaimana neurobioteknologi membuka peluang baru dalam memahami tubuh manusia secara lebih mendalam.

Disusun dengan bahasa yang mudah dipahami, buku ini ditujukan untuk masyarakat umum yang ingin mengenal hubungan antara kehidupan, otak, dan teknologi kesehatan masa kini. Buku ini menampilkan pembahasan yang menarik tentang tubuh manusia sebagai sistem yang teratur, kompleks, dan menakjubkan, mulai dari aktivitas seluler hingga peran otak dalam membentuk pengalaman hidup manusia.

