Froncort.AI™

CLINICAL COGNITION

PRODUCT SHEET

Expert-Defined AI Workflows for Healthcare Research and Business

Froncort.AI™ clients use our solutions for rapid and efficient identification and synthesis of evidence and actionable knowledge from published biomedical literature, proprietary pharmaceutical data, and real-world evidence studies, to improve research, clinical, regulatory, and business outcomes.

The **Prompt-to-Decision p2d™ Platform**, based on our proprietary **SKIES™ Methodology** (System for Knowledge Instantiation & Evidence Synthesis) generates user-validated evidence and actionable outputs at a fraction of the cost and effort for clinical trial protocols, regulatory submissions, scientific manuscripts, patent filings, biomedical business proposals, RFP responses, and similar outputs in the Lifesciences and Healthcare Industry.

Solutions to help solve the three biggest challenges

- **Knowledge Explosion:** Keeping up with the exponential rise of knowledge & leveraging external & internal data profitably
- **Poor ROI from R & D:** Declining ARR of ~1.2%, with high knowledge acquisition costs ~ $67 million/asset in R & D
- **Misaligned Gen-AI:** A plethora of AI Models that are not aligned to expert workflows in life-sciences and health

Features

Comprehensive Set of Knowledge Assets ~95% Reduction in Manual Effort

Up to 95% reduction in manual effort required for information extraction and synthesis, for a wide range of usage in life-science industries (drug & diagnostics discovery, clinical R & D, regulatory affairs, business dvelopment) through a well-designed set of knowledge asset types (Froncort-Discovery™, Froncort-Research™, Froncort-Development™, Froncort-Regulatory™, Froncort-Business™)

Workflow Contextualized Actionable Knowledge

A guided workflow for evidence extraction and synthesis, wherein a user can start with a natural-language query and proceed logically with the tool providing intelligent feedback through semantic inferencing, followed by user feedback on errors and omissions, until the knowledge asset is finalized into an actionable output like a draft clinical trial protocol, a systematic review, healthcare training content, a patent specification, or an FDA submission.

Expert-Defined Prompt Templates

A library of proprietary prompt templates defined and curated by domain experts that can convert base Gen-AI models into workflow-integrated solutions with application across the clinical R & D lifecycle and business. The templates include Patent Specification Writer, Real-World Evidence Researcher, Drug Name Finders, RFP Response Generator, Clinical Protocol Writer, Target Product Profiler, Drug Candidate Profiler, among others.

Knowledge Graphs From Reliable Knowledge Bases

The system leverages expert-based evidence synthesis, clinical ontologies & semantic embeddings to learn and ingest highly reliable peer-reviewed content like journals, scientific evidence, and regulatory databases, into a knowledge graph that is leveraged to generate accurate outputs and reduce time for knowledge acquisition from weeks/days to hours/minutes.

Personalized User Model

The system learns the preferences of a user based on the interactions with the platform and tailors the output to the type of user class (e.g., pharma researchers vs clinicians vs executives) and provides personalized intelligent feedback.