

# Golden Field Lite AI

Cross-discipline AI Expert Research Partner

A high-coherence AI Expert layer for transformer, quantum, math, biology, biosignal, environmental, and materials lanes with evidence memory and

NEMOTRON + HERMES PARALLEL

NEST SUPPORT LANES

DGX SPARK VALIDATION

AI EXPERT MEMORY

Current lanes: Nemotron/Nemo, ChEBI closure, cells, metabolism, nutrients

Parallel target: Hermes/Nous baseline against the NVIDIA proof lane

Compute need: local models for hidden-state read, reruns, and tuning

**NEMO**  
Nemotron proof lane

**NEST**  
real data controls

**MATH**  
M23 / lattice / 668

**BIO**  
allostery / signals

NEXT ACTION

Discuss AI Expert buildout / local model lane

## One research backbone

Local checkpoints, rerun controls, domain tools, evidence memory, and tuned expert surfaces for Sovereign Edge install.