

Genialis™ BioBridge



Genialis provides the AI bridge to derisk your asset acquisitions

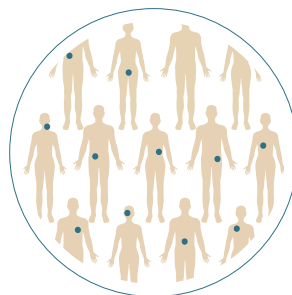
Make data generated in China mechanistically comparable to US/European datasets

Identify patient subgroups for multi-regional trials

De-risk trials designed to satisfy FDA/EMA requirements

The East-to-West Challenge

- China is producing some of Pharma's most exciting new drug candidates – with real innovation, attractive costs, and rapid trial execution
- But strong results in Chinese patients do not guarantee these results will replicate in western populations
- Genialis BioBridge helps sponsors understand population-level differences before they become costly surprises



Proprietary harmonized dataset

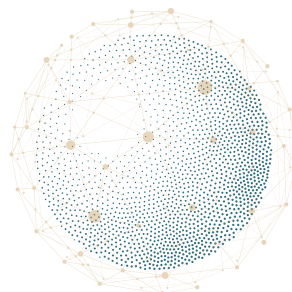
Built on > 1Bn data points from 100s of thousands of globally diverse RNA-seq records



How it works

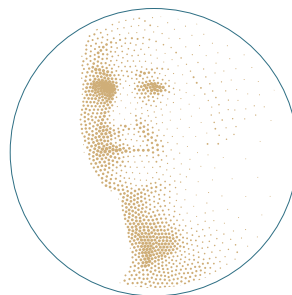
BioBridge is powered by the Genialis Supermodel, the world's first AI foundation model of cancer biology. Pre-trained on a unique curated dataset representing globally diverse patients, the Supermodel:

1. Harmonizes China-generated data through Genialis' proprietary engine, eliminating batch and vendor effects
2. Embeds patient samples in the Supermodel's global biological space, shared with Western reference populations
3. Builds cross-population predictors validated against Western datasets via Genialis' partner network (Tempus, CRUK, Academia Sinica)
4. Deploys biomarker-driven stratification for Western trial enrichment and FDA/EMA submissions



Groundbreaking AI technology

Genialis Supermodel is a large molecular model (LMM) that has learned ground truth cancer biology




Confident outcomes across geographic borders

To ensure new drugs perform consistently well across distinct patient populations

Engagement

Whether your asset is an ADC, checkpoint inhibitor, targeted therapy, or other novel chemistry, Genialis BioBridge turns China clinical data into a Western-ready biomarker asset.

Contact us at:

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