

UNLOCKING THE FUTURE OF DRUG DISCOVERY WITH AI

At Topia Life Sciences, we're revolutionising drug discovery through cutting-edge artificial intelligence. SMAG solutions empower researchers and pharmaceutical companies with tools to accelerate the discovery and development of novel therapeutics with unparalleled precision.



Explore the Pathways of Revelation

- **Revolutionary Insights:** SMAG algorithms streamline workflows, save resources, and maximise accuracy.
- **Compliance and Innovation:** Our solutions adhere to global standards, ensuring groundbreaking yet compliant discoveries.
- **Adaptive Technology:** Seamlessly integrate existing workflows while enjoying lower operational costs.

Features & Benefits

Unrivalled Capabilities

Data Cleaning

Preprocess vast datasets efficiently.

Data Generation

Fuel AI-driven pipelines with high-quality datasets.

QSAR

Predict compound activities with accuracy.

ADME Prediction

Assess key properties to prioritise leads.

Docking & Interaction

Identify potential drug targets.

Toxicity Prediction

Mitigate adverse effects through safety profiles.

Retrosynthesis

Plan synthetic routes for novel compounds.

Drug Repurpose

Unlock new uses for existing drugs.

Key Benefits



Enhanced Efficiency

Streamlined workflows and significant time savings.



Increased Accuracy

Precise molecule identification and superior data quality.



Cost-Effective Solutions

Optimized resource use and scalable plans.



Flexibility and Adaptability

Customisable workflows and global applicability.

Transforming Drug Discovery Across Industries

1. Early Discovery Insights
2. Enhanced Data Generation
3. Predictive Modelling
4. Accelerated Lead Optimization

SMAG Solutions

Data Generation

Powering AI with Superior Data

QSAR

Quantitative Structure-Activity Relationship

Toxicology

Accelerating Safer Drug Development

Retrosynthesis

Planning Chemical Pathways

Drug Repurposing

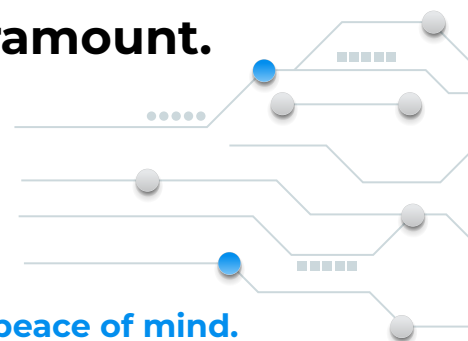
Expanding Therapeutic Horizons

Security and Compliance: Protecting Your Data

At Topia Life Sciences, data security is paramount.
Our systems employ:

- State-of-the-Art Encryption
- Access Controls
- Regular Security Audits

This ensures compliance with global standards and gives you peace of mind.



For more information, visit our website or contact us directly.

✉ info@topialifesciences.com

🌐 www.smag-ai.com

