AI|FFINITY

Using nuclear magnetic resonance (NMR) and AI to design drugs and investigate protein structure faster and cheaper.

A platform combining artificial intelligence and NMR to accelerate drug discovery and protein engineering. By combining intelligent algorithms and advanced laboratory assays, it enables faster and more efficient identification of promising drug candidates and solving their 3D structure in complex with the protein. The technology developed is very sensitive, making it ideal for difficult protein targets such as. internally disordered proteins. The big advantage is the top speed and low price.

Unique selling points:

- Universal digitization: the ability to digitize any analog measuring instruments.
- Cost-effectiveness: low entry costs with Hardware as a Service.
- Easy integration: seamless integration into processes.
- Cloud and on-premise solutions: Secure cloud processing with the option of on-premise deployment.
- Promoting sustainability: reducing physical intervention and using resources more efficiently for a greener industry.

Product

AI platform for molecular design

Technology readiness

Development

▶ Proof of concept

Prototype

First implementation

Extensive implementation

1/2023

B2B

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