



Artificial Intelligence for *de novo* drug discovery

Welcome to the first edition of our newsletter

As pharmaceutical innovations continue to abound, our team at Iktos has been exploring new ways to smoothen the drug discovery journeys of our clients. From webinars to published articles, we are excited to share with you all our major news and events from the past quarter:

Spaya Webinar

Our CSO, Dr. Quentin Perron, Senior Director and Head of BD, Dr. Sree Vadlamudi and Application Scientist, Dr. Brian Atwood presented a webinar on 'Spaya: Artificial Intelligence to discover and prioritise synthetic routes' on 28th September. If you missed the webinar, [follow the link to access the recording:](https://iktos.ai/spaya-webinar-2021/)

The banner features a dark blue background with a glowing, futuristic robotic hand holding a glowing blue pill. The IKTOS logo is in the top left, and the Spaya.ai logo is in the top right. The text 'Spaya Webinar' is prominently displayed in the center, with 'Tuesday, 28th September 2021' and '17:00-18:00 CEST' below it. At the bottom, three circular headshots of the speakers are shown, each with their name underneath: Dr. Quentin Perron, Dr. Sree Vadlamudi, and Dr. Brian Atwood. The background also contains faint chemical structures and symbols like NH₂, Cl₂, S, and H.

Tête-à-tête with Yann Gaston-Mathé

CHEManager has published an article elucidating our journey, our drivers and most importantly, our commitment to drug discovery. [Follow the link to read the full article: https://iktos.ai/artificial-intelligence-for-new-drug-design/](https://iktos.ai/artificial-intelligence-for-new-drug-design/)



Scientist's profile: Hamza Tajmouati, Principal Scientist, Iktos

Hamza is the Principal Scientist at Iktos, responsible for leading R&D efforts in generative AI and automated retrosynthesis. With a strong background in Computer Science and Applied Mathematics, his role involves researching, studying and implementing new methods to improve the AI engines of Iktos products: Makya and Spaya. Hamza has been with Iktos for four years and loves the problem solving and knowledge transfer aspects of his job the most. He confesses that along with the thrill of finding quantitative solutions for real world problems, the movie 'Moneyball' inspired him to be a data scientist in the first place!



Outside of work, Hamza enjoys football and dancing to salsa music. He is also very fond of reading history and psychology. When asked for a quote, he says "Simple solutions have to be tried first"- something he follows in his personal and professional life both!

Upcoming conferences

We look forward to seeing you at the following events next quarter:

- Oxford Global Drug Discovery: London, UK; 26th-27th October 2021
- SLAS 2021: AI-Powered Drug Discovery Symposium: London, UK; 8th-9th November 2021
- BIO Europe: Virtual; 26th-29th October 2021
- AI for Health: Virtual; 10th November 2021
- Hello Tomorrow Global Summit-Challenge: Virtual; 16th-20th November 2021
- Biotechgate Digital Partnering: Virtual; 23rd-26th November 2021

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