



## 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 28<sup>th</sup> September. If you missed the webinar, [follow the link to access the recording:](https://iktos.ai/spaya-webinar-2021/)

A promotional banner for the Spaya Webinar. The background is dark blue with a glowing, wavy pattern of interconnected hexagons. In the center, the text 'Spaya Webinar' is written in a large, white, sans-serif font. Below it, the date 'Tuesday, 28th September 2021' and the time '17:00-18:00 CEST' are displayed in a smaller white font. At the bottom, there are three circular headshots of the speakers: Dr. Quentin Perron, Dr. Sree Vadlamudi, and Dr. Brian Atwood. The IKTOS logo is in the top left corner, and the Spaya.ai logo is in the top right corner. The banner is framed by a thick, dark green border.

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

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