AI & BIG DATA
- LIFE SCIENCE

BY relevent*

7 LAWYER'S TRAINING POINTS

CONFERENCE PARTNERS:

DANSK ERHVERV

C: Danish Life Science Cluster

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MEDWATCH   ITWATCH   Bech·Bruun

DANSK ERHVERV

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MEDWATCH

MedWatch reports on the pharmaceutical and medtech industry in Denmark, which are important areas beyond the domestic commercial sector and play a vital role for public health and society in general. MedWatch delivers independent, critical and fair journalism and focuses on core substance.

ITWATCH

ITWatch closely follows Danish IT and telecommunication players, focusing on the businesses behind the products. We cover strategy, management, results, competition, policy, orders, acquisitions, innovation, careers, job moves and much more. ITWatch delivers independent, critical and fair journalism about the large, leading firms – but also the subcanopy of small and medium-sized businesses that form the

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Bech-Bruun is a market-oriented law firm offering a wide range of specialist advisory services to large sections of the Danish corporate and public sectors as well as global enterprises. Counting more than 500 experienced and highly specialised employees, of which 69 are partners, we are one of Denmark's leading full-service law firms.
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Henning Langberg
University of Copenhagen,
Faculty of Health and Medical
Sciences, Dep. of Public Health

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Danish Medicines Agency & Center
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Professor, Department of Computer Science
Mads Nielsen
University of Copenhagen, PHAIRproject

CEO
Casper Wilstrup
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PhD, VP, Data Insights & FounData
Sam Khalil
Novo Nordisk A/S

Chief Technology Officer
Lars Maaløe
Corti

Head of Digital Strategy, Partnering and Analytics,
Global Digital Business Solutions
Troels Ravn
LEO Pharma

Moderator:
Partner
Martin Dræbye Gantzhorn
Bech-Bruun

08.30-09.00 - REGISTRATION

Morning coffee

09.00-09.05 - WELCOME

Partner **Martin Dræbye Gantzhorn,** Bech-Bruun

09.05-09.45 - YOU ARE NOT HEALTHIER THAN YOUR DATA!

We dive into the latest revolutionaries' trends where intelligent data analysis and chatbots promises to tailor prevention and treatments, personalize healthcare, assist the healthcare staff and maybe even predicting future epidemics.

Join in the front line of the next healthcare innovation - where new technology is not only used for the development of new health initiatives, but also form the core of the development of the medicine of the future and perhaps is future healthcare personnel.

Professor, dr.med, Ph.d., MBA **Henning Langberg,** University of Copenhagen, Faculty of Health and Medical Sciences Dep. of Public Health

09.45-09.55 - SHORT NETWORKING BREAK

09.55-10.30 - AI IN THE MEDICINAL PRODUCT LIFE CYCLE – OVERVIEW AND COMMENTS ON THE EMA REFLECTION PAPER

In July 2023, EMA published a reflection paper on the use of AI throughout the life cycle of medicinal products. EU is a front runner in developing a regulatory framework for AI, and the reflection paper provides important input on how the EU's general regulatory framework for AI aligns with the specific concerns for innovation and patient safety in the medicinal products domain and the regulation of medical devices as well as how this intersects with e.g. medical device regulation.

This presentation will provide context and overview of key points in the EMA reflection paper and some reflections on future developments.

Industrial Postdoc **Jakob Wested**, Danish Medicines Agency & Center for Advanced Studies in Biomedical Innovation Law (CeBIL), University of Copenhagen

10.30-11.00 - BALANCING MDR AND AIA – HOW DOES IT FIT TOGETHER?

The AI Act will soon affect how we regulate the medical devices which qualify as an AI System or contains one. The AI Act bring new requirements for both devices, their documentation and the publics expectation of transparency, safety and performance.
Get a glimpse into a regulators' brain, when balancing existing legislation with one of the most attention demanding regulations

Special Adviser **Rolf Oberlin Hansen,** Danish Medicines Agency

11.00-11.15 - NETWORKING BREAK

11.15-11.45 - AI IN PRECLINICAL DATA ANALYSIS

A major bottleneck in life science is the knowledge gap between biodata analysis tool users and the developers of AI software, along with an increasing demand for efficient high dimensional biodata modeling tools - rapid microscope hardware development allows life scientists to generate unique data in unprecedented amounts and resolution that offer new insights which can ultimately lead to the development of new medicine.
We look into how to create better access to AI for researchers and companies in life science and how we can work together for better science and innovation in the field of preclinical data analysis.

Senior Head of Visual Computing Lab, PhD **Katrine Hommelhoff Jensen**, Alexandra Instituttet

11.45-12.15 - PHAIR: PHARMACOVIGILENCE BY AI REAL TIME ANALYSIS

Current state of tracking of side effects of drugs is based on spontaneous reporting. We have set out to use advanced machine learning and collections of real world data to discover new potential side effects, and verify their precence.

In PHAIR we also involve patients. I will give an overview of the project, show our progress in using large language model technology for analysis of electronic healthcare records, and give an outlook on the perspectives of the technology.

Professor, Department of Computer Science, University of Copenhagen **Mads Nielsen,** PHAIR<u>project</u>

12.15-12.45 - ROCHE'S JOURNEY WITH AI IN IMAGING

Discover Roche's strategic use of data and AI in transforming healthcare towards personalised treatments. Hear how Roche leverages public-private partnerships to integrate healthcare solutions, from early detection to remote monitoring. This session offers an in-depth look at innovative AI use-cases, sharing valuable deployment learnings on AI in Medical Imaging.

Global AI Deployment Lead **Christina Pamela Kreutzmann**, Roche Pharmaceuticals

12.45-13.35 - LUNCH & TIME TO NETWORK

13.35-14.05 - KURATO GROUP AND BAVARIAN NORDIC

Gather insights from a pilot project using LLM to enhance nonconformity reporting processes. This presentation emphasizes a dual evaluation approach, considering both technical performance and user experience.

The discussion will include strategies for fostering user adoption in the early stages, as well as ongoing evaluation methods to ensure the project's continued relevance. Attendees will gain an understanding of the practical challenges and successes associated with integrating AI with human expertise in a pilot setting.

Partner **Nicolai Mersebak**, Kautro Group
Data Scientist **Sándor Fóldi**, Kautro Group
Manager **Elise Møller**, Bavarian Nordic

14.05-14.35 - ILLUMINATING THE BLACK BOX: THE IMPERATIVE OF EXPLAINABLE AI IN PHARMA

While AI continues to make significant strides, the pharmaceutical industry stands at the crossroads of innovation and ethical responsibility. Casper Wilstrup, CEO of Abzu and the inventor of the QLattice symbolic AI algorithm, delivers an insightful presentation on the crucial role of explainable AI in life sciences and pharmaceutical applications.

Casper, an expert in the field of trustworthy, explainable AI, underscores the limitations of black-box or sub-symbolic AI models in addressing complex challenges in the pharma sector. He argues that these models, while powerful in their predictive capabilities, fall short in providing the transparency and rationality crucial for scientific inquiry and drug discovery.

CEO **Casper Wilstrup**, Abzu

14.35-15.15 - CAN AI AGENTS HELP US DERIVE NEW INSIGHTS FROM CLINICAL DATA IN A RESPONSIBLE WAY

In this session, we will provide an introduction to how we at Novo Nordisk are building a foundational data platform that will enable the use of LLM agents to not only seamlessly find, access, and connect clinical data across studies, but also help derive new clinical insights.

PhD, VP, Data Insights & FounData **Sam Khalil**, Novo Nordisk A/S

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15.15-15.30 - NETWORKING BREAK

15.30-16.00 - BUILDING A CO-PILOT FOR AUGMENTING THE HEALTHCARE PROFESSIONAL

Chief Technology Officer **Lars Maaløe**, Corti

16.00-16.30 - INTERNALISATION OF OPENAI – THE OPPORTUNITIES AND PITFALLS

Discover the fascinating journey of LEO Pharma as they embrace the power of ChatGPT internally. Uncover the secrets behind their successful organizational adoption: the triumphs, the hurdles, and the exciting future plans that await. Join us as we delve into the captivating world of LEO Pharma's ChatGPT transformation and uncover what they are doing to also embrace the next technology advancement.

Head of Digital Strategy, Partnering and Analytics, Global Digital Business Solutions **Troels Ravn**, LEO Pharma

16.30-16.35 - CLOSING REMARKS

Partner **Martin Dræbye Gantzhorn**, Bech-Bruun

REGISTRATION FEE

	EARLY BIRD by 6 DECEMBER 2023	REGULAR FEE after 6 DECEMBER 2023
FEE	DKK 5.495,- (+ VAT)	DKK 5.995,- (+ VAT)

* Registration fee includes conference delegate material, refreshments and lunch. Accommodation is NOT included.

3-at-2 discount - 3 delegates from the same company, that register at the same time, pay the price of 2.

Members of **The Danish Chamber of Commerce, Danish Life Science Cluster and IT Brancen** get a member discount – please inform us about your membership when registering.

DISCOUNTS CAN NOT BE COMBINED.

WHERE

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WHEN

Tuesday 17 January 2024

REGISTRATION

Registration at www.relevent.dk/event_ai_big_data_life_science_2024
Please contact info,@relevent.dk or +45 28305445 with any questions.

Cancellations must be given in writing to info@relevent.dk and will be subject to a fee.
Cancellation fee for up to 14 dayes before - 10% of registration fee.
Cancellation fee for less then 14 days before - 50% of registration fee.
Cancellation fee for later then 2 working days before - no refund, thus 100% of registration fee.

To avoid cancellation fees – you may transfer your registration to a colleague.
Please inform Relevent prior to the conference in writing to info@relevent.dk

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