Insights: Publications

5 Key Takeaways | Current Perspectives Around the Convergence of Life Sciences and IT

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5 KEY TAKEAWAYS

Current Perspectives Around the Convergence of Life Sciences and IT

The Life Science Washington Institute recently celebrated World IP Day 2022 by sponsoring the “IP Symposium: Current Perspectives Around the Convergence of Life Sciences and IT.” Kilpatrick Townsend partners Andrew Serafini and Patrick Njeim joined other thought leaders as featured speakers at the event.

Key takeaways from their presentations, include:

1

Global AI in the healthcare market is expected to grow from US $5 billion in 2020 and reach US $45 billion by 2026.

2

Major factors driving growth: aging population, healthcare cost, healthcare access, increased volume of healthcare data, AI technology advancements, and cross-industry partnerships.

3

The number of filed AI patent applications has an exponential trend. For example, this number was about 2,000 patent applications in 2017 and has exceeded 8,000 patent applications in 2020.

4

Given the exponential trend, it is expected that the volume of AI prior art to increase and, thus, new AI claims need to be carefully drafted with a targeted scope.

5

Protection of AI inventions can cover:

- the AI model itself,
- a hardware implementation of the AI model,
- the training of the AI model, and
- a new use of the AI model (possibly new input and/or output thereof)

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