

## **Unlocking the Capabilities of Large Language Models for Accelerating Drug Development**

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Recent breakthroughs in natural language processing (NLP), particularly in large language models (LLMs), offer substantial advantages in model-informed drug development (MIDD). With billions of parameters and comprehensive pre-training on diverse data, these models effectively extract information from unstructured and structured data throughout the drug development lifecycle. This perspective envisions LLMs supporting MIDD, enhancing drug development, and emphasizes C-Path's strategic use of LLM innovations for actionable real-world evidence from real-world data (RWD).

You can read the publication in its entirety on the ASCPT website here.