

# Ainnocence Embraces Green AI and Animal-Free Drug Screening: A Dual Commitment to Sustainable and Ethical Innovation

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Ainnocence is proud to announce its strategic focus on highly sustainable and ethical applications in AI and biotechnology. With its commitment to Green AI and animal free drug discovery processes, it marks a significant step towards fostering sustainability and ethical innovation across both industries.



## Sustainable Innovation at the Core

Ainnocence's Green AI initiative reflects our deep-seated commitment to environmental responsibility. By developing energy-efficient algorithms, we are not only reducing our carbon footprint but also democratizing AI technology across the globe, particularly in regions with limited resources. Our revolutionary protein language AI model stands as a testament to our commitment, requiring 10,000 times fewer computational resources than traditional 3D simulation software. This innovative model excels in utilizing an extensive array of sequence and biochemical data, moving beyond the limitations of conventional 3D structure data.

"We believe that the most efficient AI should leverage existing knowledge to generate insightful inferences and drive innovation, all while optimizing energy usage. In our vision, the epitome of intelligent AI systems is represented by green AI, aligning smart technology with environmental sustainability," said Dr. Lurong Pan, Founder and CEO, Ainnocence.

## Animal-Free Drug Screening: A Step Towards Ethical Biotechnology

In keeping with our ethical principles, Ainnocence is leading the shift towards animal-free drug screening. Our advanced AI algorithms simulate drug interactions within virtual human models, eliminating the need for animal testing. By designing humanized antibodies with minimized immunogenicity, our AI system is able to predict the pharmacological and toxicological profiles of drugs in humans. This approach not only streamlines drug development but also reinforces our commitment to ethical research, paving the way for a quicker, safer, and more humane

approach to medical breakthroughs.

## Collaborative Efforts for a Sustainable and Ethical Future

Our commitment to Green AI and animal-free drug screening is further enriched through our collaborative efforts with industry leaders, academic partners, and ethical organizations. In addition, our educational initiatives, including workshops and seminars, focus on sustainable AI development and ethical considerations in biotechnology, emphasizing the importance of animal-free drug screening methods.

Our journey towards a more sustainable and ethical future is ongoing. We are committed to our mission of upholding environmental sustainability and ethical practices. Through our efforts, we envision a world where technological advancement goes hand in hand with environmental stewardship and ethical responsibility.

## About Ainnocence

Ainnocence is a next-generation biotech company, dedicated to delivering impactful, sustainable, and ethical solutions. With our focus on Green AI and animal-free drug discovery, we are paving the way for a brighter, better and greener future.

For more information about Ainnocence and its broader offerings in AI-driven drug discovery, please contact:

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