

Plagio detectado: 85.52%

**Texto original:** Drug designing and development is an important area of research for pharmaceutical companies and chemical scientists.

**Texto plagiado:** Drug designing and development is an important area of research for pharmaceutical companies and chemical scientists.

**Texto original:** However, low efficacy, off-target delivery, time consumption, and high cost impose a hurdle and challenges that impact drug design and discovery.

**Texto plagiado:** However, low efficacy, off-target delivery, time consumption, and high cost impose a hurdle and challenges that impact drug design and discovery.

**Texto original:** Further, complex and big data from genomics, proteomics, microarray data, and clinical trials also impose an obstacle in the drug discovery pipeline.

**Texto plagiado:** Further, complex and big data from genomics, proteomics, microarray data, and clinical trials also impose an obstacle in the drug discovery pipeline.

**Texto original:** Artificial intelligence and machine learning technology play a crucial role in drug discovery and development.

**Texto plagiado:** Artificial intelligence and machine learning technology play a crucial role in drug discovery and development.

**Texto original:** In other words, artificial neural networks and deep learning algorithms have modernized the area.

**Texto plagiado:** In other words, artificial neural networks and deep learning algorithms have modernized the area.

**Texto original:** Machine learning and deep learning algorithms have been implemented in several drug discovery processes such as peptide synthesis, structure-based virtual screening, ligand-based virtual screening, toxicity prediction, drug monitoring and release, pharmacophore modeling, quantitative structureâ€“activity relationship, drug repositioning, polypharmacology, and physiochemical activity.

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**Texto original:** Moreover, novel data mining, curation, and management techniques provided critical support to recently developed modeling algorithms.

**Texto plagiado:** Moreover, novel data mining, curation, and management techniques provided critical support to recently developed modeling algorithms.

**Texto original:** artificial intelligence and deep learning

**Texto plagiado:** artificial intelligence and deep learning

**Texto original:** In summary, artificial intelligence and deep learning advancements provide an excellent opportunity for rational drug design and discovery process, which will eventually impact mankind.

**Texto plagiado:** In summary, artificial intelligence and deep learning advancements provide an excellent opportunity for rational drug design and discovery process, which will eventually impact mankind.