

Texto original: of research for pharmaceutical companies and chemical scientists.

Texto plagiado: of research for pharmaceutical companies and chemical scientists.

Texto original: rug design

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

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Texto original: low efficacy, off-target delivery, time consumption, and high cost

Texto plagiado: low efficacy, off-target delivery, time consumption, and high cost

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: drug design and discovery

Texto plagiado: drug design and discovery

Texto original: data from genomics, proteomics, microarray data, and clinical trials

Texto plagiado: data from genomics, proteomics, microarray data, and clinical trials

Texto original: drug discovery

Texto plagiado: drug 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.

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Texto original: discovery p

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Texto plagiado: drug discovery

Texto original: drug discovery and development

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Texto original: in drug discovery

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

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Texto original: peptide synthesis, structure-based virtual screening, ligand-based virtual screening, toxicity prediction, drug monitoring and release, pharmacophore modeling, quantitative structure–activity relationship, drug repositioning, polypharmacology, and physiochemical activity.

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Texto original: artificial intelligence and deep learning

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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.

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