Insights: Publications

Bioinformatics Innovations Thrive Despite 101 Chaos

IP Watchdog

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Bioinformatics is a growing interdisciplinary technological field in which computing and software resources are applied to biological data and solve biological problems. For example, bioinformatics can be used to predict protein sequences through analysis of large databases of biological data to enable the development of new drug therapies. Advances in computing and software, like artificial intelligence (AI), open increasing possibilities in bioinformatics. Bioinformatics is growing rapidly—the market is predicted to exceed $16 billion by 2022. As with most growing industries, mechanisms that protect and promote innovations are key to supporting that growth. Thus, it is no surprise that the number of patent applications filed and assigned to the designated bioinformatics art unit was 40% higher in 2017 than it was in 2010.