PHARMACOLOGICAL REVIEWS
A Publication of the American Society for Pharmacology and Experimental Therapeutics

January 2024 Vol. 76, No. 1

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Supplemental material is available online at pharmrev.aspetjournals.org.

About the cover: The timeline for the typical drug discovery process, which can be accelerated by including serendipity drug discovery and repurposing of existing drugs or drug candidates. See the article by Nickels and Yan (dx.doi.org/10.1124/pharmrev.122.000787).