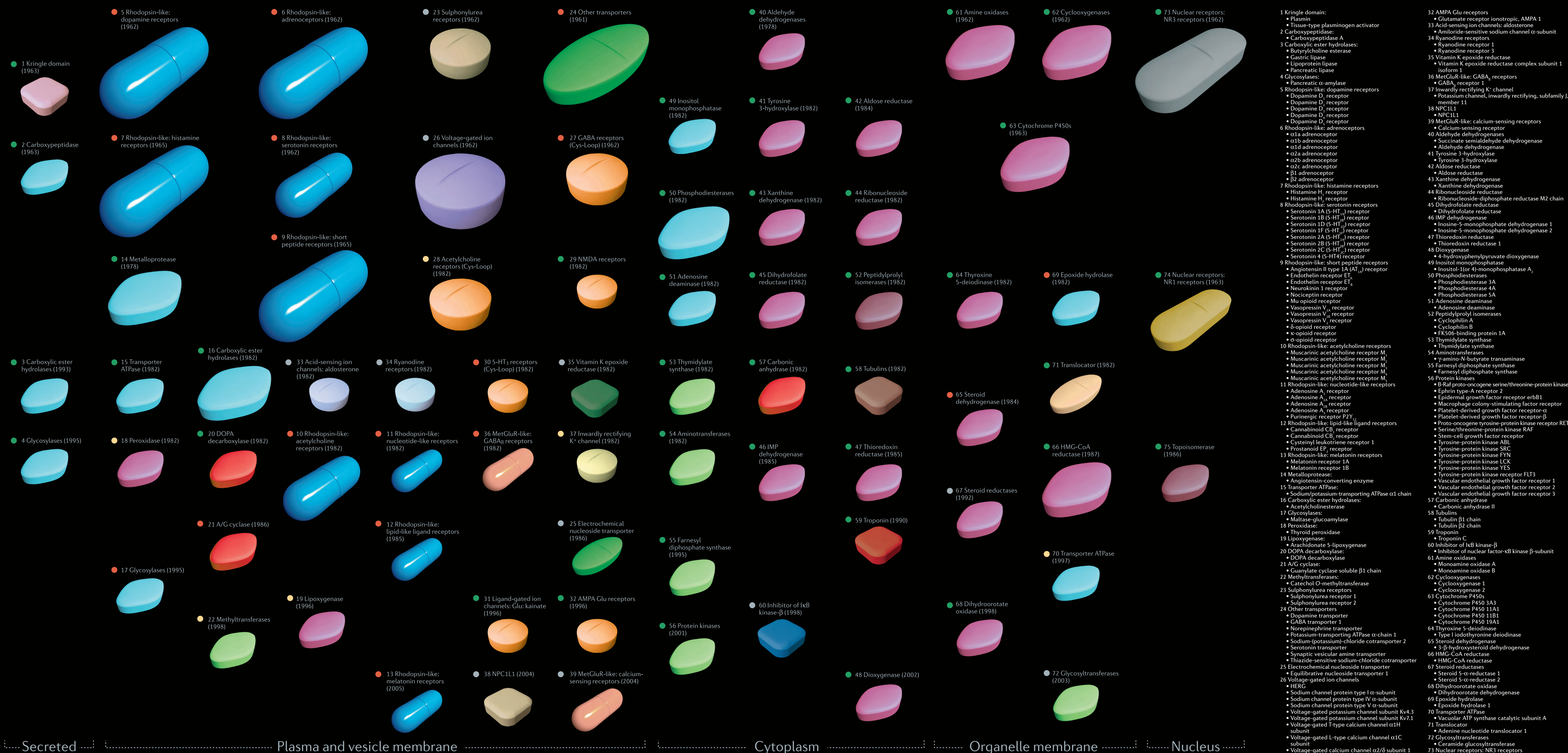


The molecular pharmacopoeia

The human targets of FDA-approved oral drugs

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The molecular pharmacopoeia of 186 human protein drug targets for FDA-approved oral drugs. The drug targets are grouped into target subfamilies where there are multiple related drug targets. The size of the icons represents the number of drugs approved for that target or target subfamily. The horizontal axis illustrates the cellular location of a drug target. The vertical axis illustrates an approximate timeline depicting when the first drug for a target or target subfamily was approved (older drug targets are at the top of the chart). The dates next to the targets illustrate the year in which the first USAN (United States Adopted Name) was assigned for the first drug against that target or any target in the subfamily (which usually occurs in the late stages of clinical development). The availability of protein structural information for the target or target subfamily is illustrated by the coloured dot next to the target name. The shapes of the icons represent the general functional classes of drug targets and related groups within a functional class are coloured the same.



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Produced with support from Inpharmatica and Pfizer

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