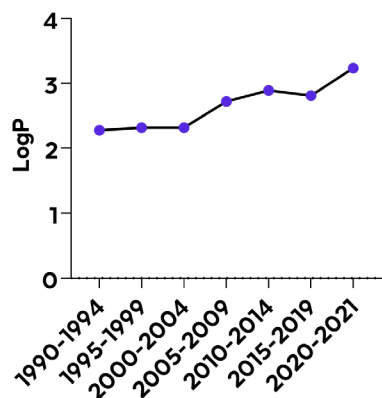
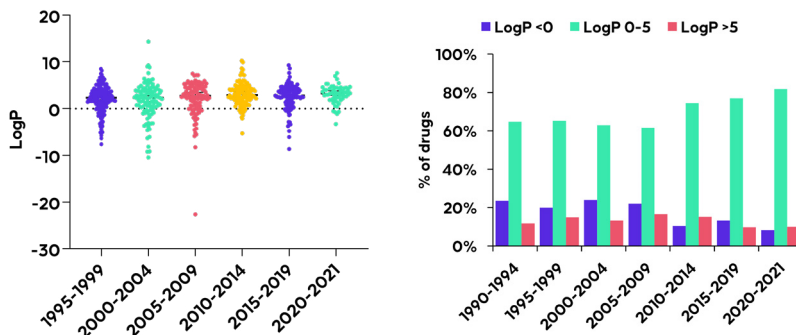


Are Drugs Becoming More Lipophilic Over Time?

MEDIAN DRUG LOGP VALUES ARE INCREASING OVER TIME



WHAT IS MOVING MEDIAN DRUG LOGP?



Proportion of Highly Polar Drugs (LogP <0) Decreasing Over Time is a Key Factor

YEARS	NUMBER OF DRUGS APPROVED	MEAN LOGP OF APPROVED DRUGS	MEDIAN LOGP OF APPROVED DRUGS	% OF DRUGS WITH LOGP <0	% OF DRUGS WITH LOGP BETWEEN 0-5	% OF DRUGS WITH LOGP >5
1990-1994	153	1.9	2.3	24%	65%	12%
1995-1999	161	2.0	2.3	20%	65%	15%
2000-2004	110	1.8	2.3	24%	63%	13%
2005-2009	109	2.0	2.7	22%	61%	17%
2010-2014	125	3.0	2.9	10%	74%	15%
2015-2019	113	2.5	2.8	13%	77%	10%
2020-2021	60	3.1	3.2	8%	82%	10%

What Happened to All the Polar Molecules?...