

Supplementary Table S1. Major high-throughput technologies

Technology	Inception	Type	Classification	Reference
Phage display	1985	Protein interaction	Interactions	[1]
LC/MS (ESI interface)	1989	Metabolomics	Components	[2]
Yeast 2 hybrid	1989	Protein interaction	Interactions	[3]
Peptide array	1990	Protein interaction	Interactions	[4–6]
Microarrays	1995	Gene expression	Components	[7]
High content screen	1996	Drug-protein interaction	Interactions	[8]
Affinity MS/MS	1999	Protein interaction & PTM	Interactions Components	[9]
RNAi libraries	2002	Gene function	Function	[10]
RNA-Seq	2006	Gene expression	Components	[11]
Chip-Seq	2007	Epigenetics	Components	[12–14]
DNA sequencing (NGS)	2008	Genome sequence	Components	[15,16]
shRNA, CRISPR library	2004,2014	Gene function	Function	[17–20]
DNA encoded libraries	2009	Drug-protein interaction	Interactions	[21]

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