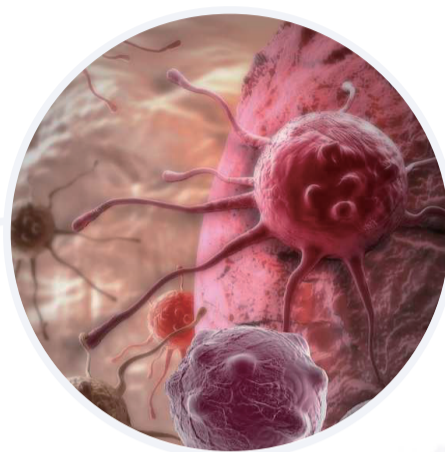
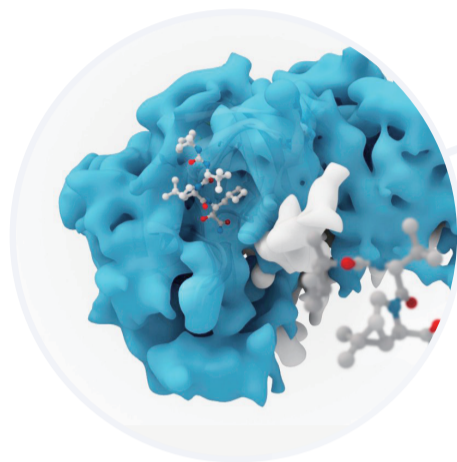


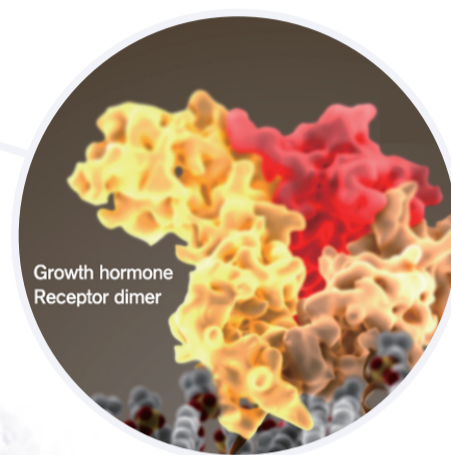
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Kinase Inhibitor Library
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Clinical Compound Library
(539 clinical compounds)

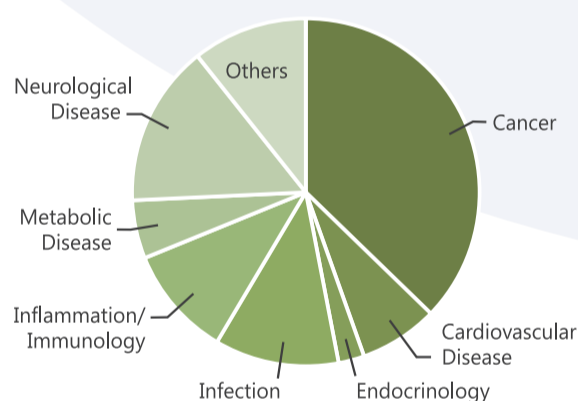
Anti-Cancer Compound Library
(1418 anti-cancer compounds)

Anti-Infection Compound Library
(423 anti-infection compounds)

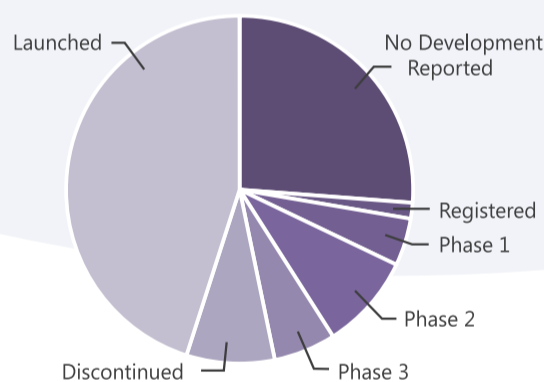
GPCR/G Protein Compound Library
(566 GPCR/G protein compounds)

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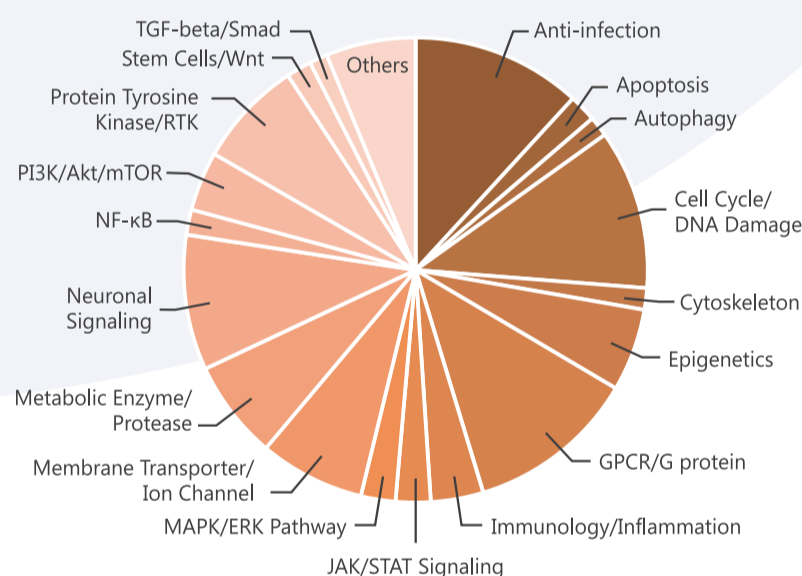
Targeted Research Areas



Clinical Phases



Targeted Pathways of Bioactive Compounds



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Top Publications Citing Use of MCE Products



Nature. 2017 Jun 15;546(7658):426-430.

The metabolic function of cyclin D3-CDK6 kinase in cancer cell survival.

Palbociclib hydrochloride purchased from MCE.

Nature. 2017 May 18;545(7654):355-359.

A Wnt-producing niche drives proliferative potential and progression in lung adenocarcinoma.

LGK974 purchased from MCE.

Nature. 2016 Dec 1;540(7631):119-123.

Inhibition of mTOR induces a paused pluripotent state.

INK-128, Everolimus, Rapamycin and **SBI-0206965** purchased from MCE.

Nature. 2016 May 18;533(7604):493-8.

Carcinoma-astrocyte gap junctions promote brain metastasis by cGAMP transfer.

Tonabersat purchased from MCE.

Science. 2016 Apr 1;352(6281):54-61.

Hypoxia as a therapy for mitochondrial disease.

FG-4592 purchased from MCE.

Science. 2015 May 15;348(6236):799-803.

Mitosis. Microtubule detyrosination guides chromosomes during mitosis.

GSK-923295 purchased from MCE.

Science. 2014 Oct 3;346(6205):1255784.

Tracking cancer drugs in living cells by thermal profiling of the proteome.

CH5424802 purchased from MCE.

Science. 2014 Oct 10;346(6206):244-7.

Spatial organization of cytokinesis signaling reconstituted in a cell-free system.

GSK-923295 purchased from MCE.

Cell. 2017 Jan 12;168(1-2):264-279.e15.

Dynamic Remodeling of Membrane Composition Drives Cell Cycle through Primary Cilia Excision.

Alisertib purchased from MCE.

Cell. 2014 Dec 18;159(7):1549-62.

Apoptotic caspases suppress mtDNA-induced STING-mediated type I IFN production.

WEHI-539 purchased from MCE.

Nat Med. 2016 Oct;22(10):1160-1169.

Implant-derived magnesium induces local neuronal production of CGRP to improve bone-fracture healing in rats. **Olcegepant** purchased from MCE.

Nat Med. 2016 Jul;22(7):723-6.

Combination inhibition of PI3K and mTORC1 yields durable remissions in mice bearing orthotopic patient-

derived xenografts of HER2-positive breast cancer brain metastases. **NVP-BKM120, Everolimus** and **Lapatinib** purchased from MCE.

