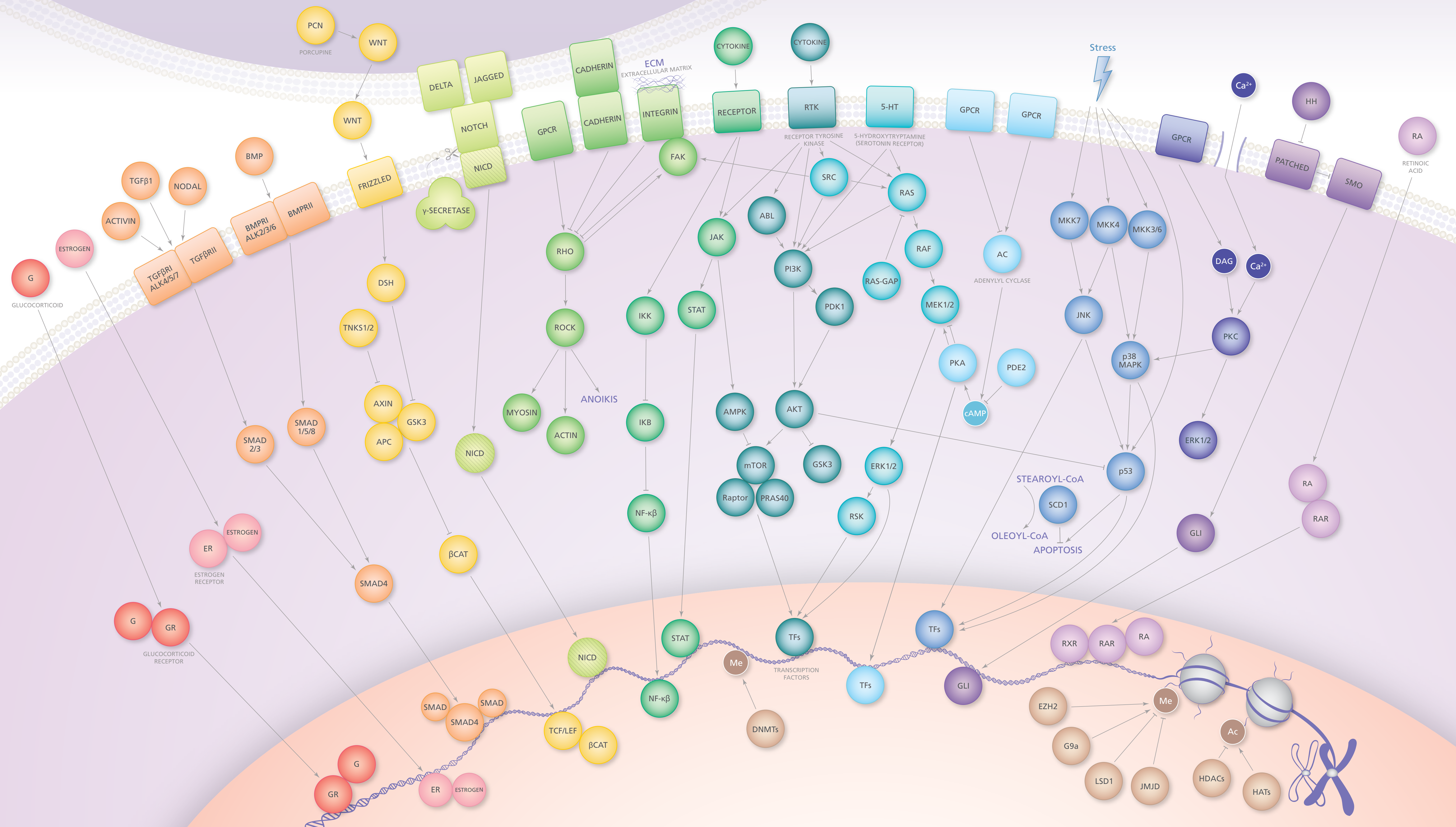


Small Molecules, Big Impact In Cancer Research



PATHWAY OR TARGET	SMALL MOLECULES
Glucocorticoid	Activator: Dexamethasone
Estrogen	Modulators: Tamoxifen, Raloxifene
Activin/Nodal/TGFβ	Inhibitors: SB431542, LY364947, RepSox Activators: IDE1, IDE2
BMP	Inhibitors: Dorsomorphin, LDN193189
WNT	Inhibitors: IWP-2, IWP-3, IWP-4, XAV939, IWR-1-endo, KY02111 Activators: CHR99021, BIO, Kenpaullone, SB216763, TWS119, CHR98014 Modulators: IQ-1, ID-8
Notch	Inhibitors: DAPT, LY411575, DBZ
RHO/ROCK	Inhibitors: Y-27632, Thiazovivin, (-)-Blebbistatin, Pyrintegrin Activator: 1-Oleoyl Lyso phosphatidic Acid
FAK	Inhibitor: FAK Inhibitor 14
JAK/STAT	Inhibitors: AG-490, Ruxolitinib, TG101348, WHI-P131, WHI-P154
NF-κB	Inhibitors: CAY10512, (S)-MG132, QNZ, Resveratrol
AMPK	Activators: A769662, Metformin, AICAR
Tyrosine Kinases (broad range)	Inhibitors: Vandetanib, SU5416
EGFR	Inhibitors: AG-490, Gefitinib, Lapatinib
FGFR	Inhibitor: PD173074
MET	Inhibitors: SU11274, Tivantinib
ABL	Inhibitors: Dasatinib, Nilotinib, Imatinib
mTOR	Inhibitors: AZD8055, Everolimus, Ku-0063794, Rapamycin, Torin1
PI3K/AKT	Inhibitors: Akt Inhibitor VIII, Akt Inhibitor X, GDC-0941, KP372-1, LY294002, Wortmannin Activator: PS-48
MEK/ERK	Inhibitors: PD0325901, PD98059, Pluripotin, Reversine, AZD6244, Refametinib, Trametinib, U-0126
Ras/Raf	Inhibitors: AZ628, Dabrafenib, PLX4032
SRC	Inhibitors: Dasatinib, PP1
cAMP	Inhibitor: HA-100 Activators: Prostaglandin E2, Forskolin, EHNA, IBMX, Rolipram
p38 MAPK	Inhibitors: SB203580, BIRB-796, SB202190
JNK/c-Jun	Inhibitor: SP600125
p53	Inhibitors: Cyclic Pifithrin-α, Pifithrin-μ
Oleic Acid Biosynthesis	Inhibitor: PlurSln-1
PKC	Inhibitors: (+)-Bay K8644, HA-100, G66983 Activators: Prostaglandin E2, (-)-Indolactam V
Hedgehog	Inhibitors: Cyclopamine, HPI-1 Activators: Purmorphamine, GSA10, SAG
Retinoids	Activators: 9-cis Retinoic Acid, All-Trans Retinoic Acid, CD437, TTNPB, AM580, EC23
DNA Methyltransferase	Inhibitors: 5-Azacytidine, RG108, Zebularine, RSC-133
Histone Methyltransferase	Inhibitors: 3-Deazaneplanonin A, BIX01294
Histone Demethylase	Inhibitors: Tranylcypromine, KP372-1, JIB-04
Histone Acetyltransferase	Inhibitor: Garcinol
Histone Deacetylase	Inhibitors: Sodium Butyrate, Trichostatin A, Valproic Acid
Microtubule Organization	Inhibitor: Paclitaxel
HIF-1	Inhibitor: CAY10585
Protein Trafficking	Inhibitor: Brefeldin A
Aurora Kinase	Inhibitor: MK0457
Cyclin/CDK	Inhibitor: SU9516

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- MethoCult™ semi-solid methylcellulose media for the study of leukemic cells
- StemSpan™ serum-free media for the study of leukemic cells
- NeuroCult™ media for the study of brain tumor stem cells



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