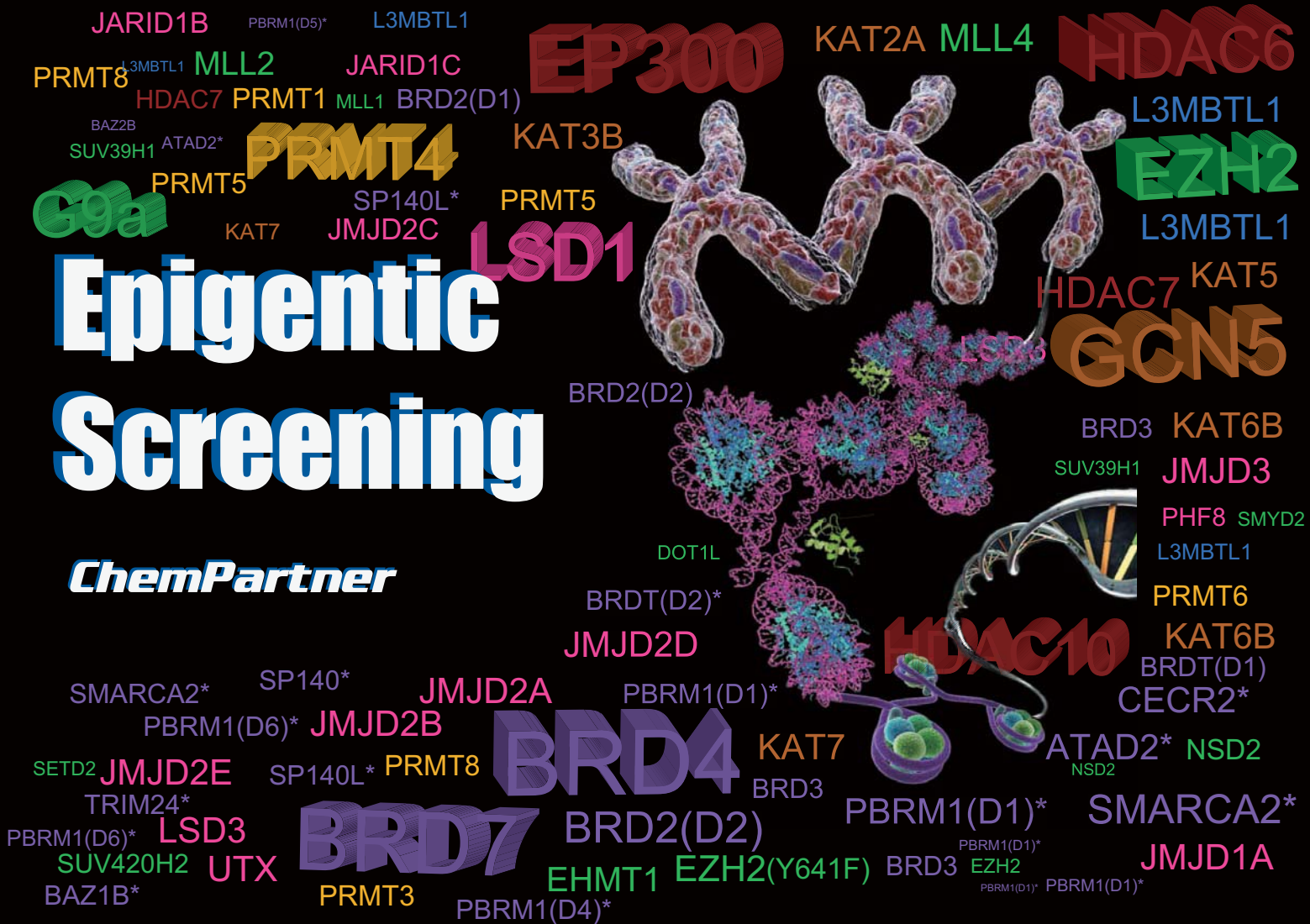


Epigenetic Screening

ChemPartner



Multiple assay platforms

- Biochemical and cell based assays
- AlphaLISA assay
- Fluorometry assay
- Radiometric assay
- LANCE Ultra assay (TR-FRET)
- Caliper mobility shift assay

Broad service scope

- High-throughput screening
- Lead optimization
- Selectivity panel screening
- IC50 dose response
- Enzyme kinetics
- Compound mode of action



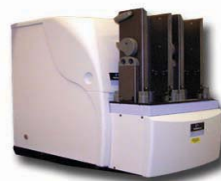
Echo550



PlateMate



Caliper



Envision



MicroBeta

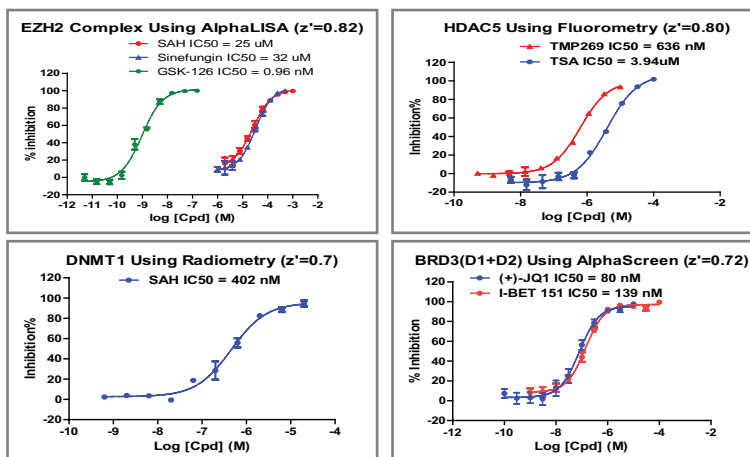
Contact

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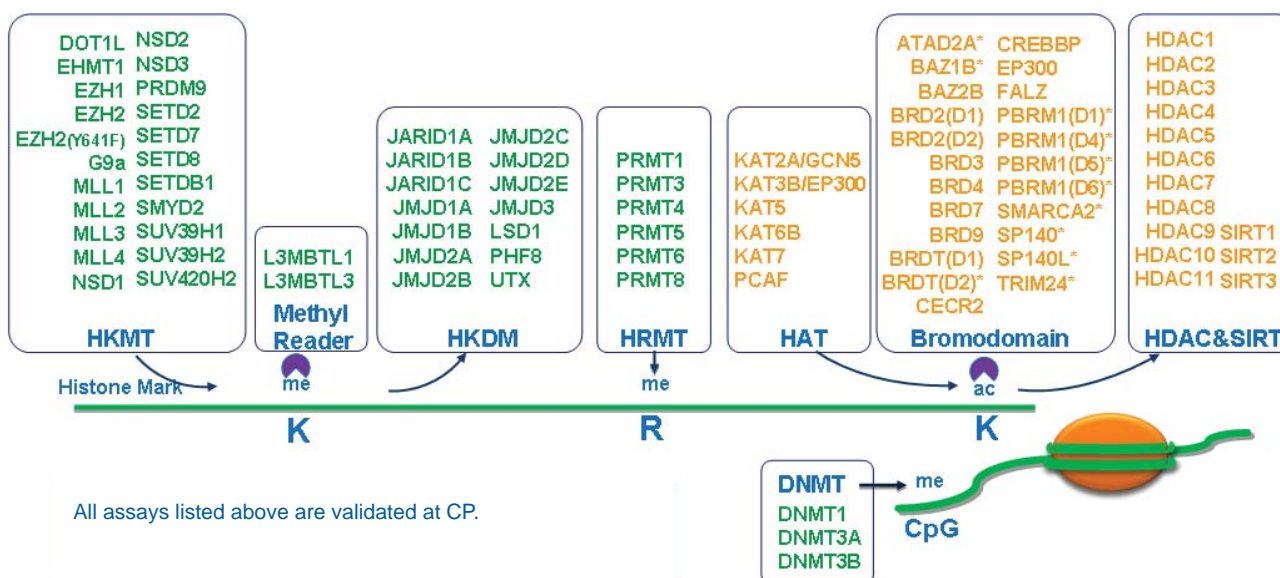
Yijun Lin, PhD
Executive Director
yjlin@chempartner.com

High Quality Data and Fast Turnaround Time

Z' factor >0.7
for biochemical
assay
3-5 working days
from compound to
report

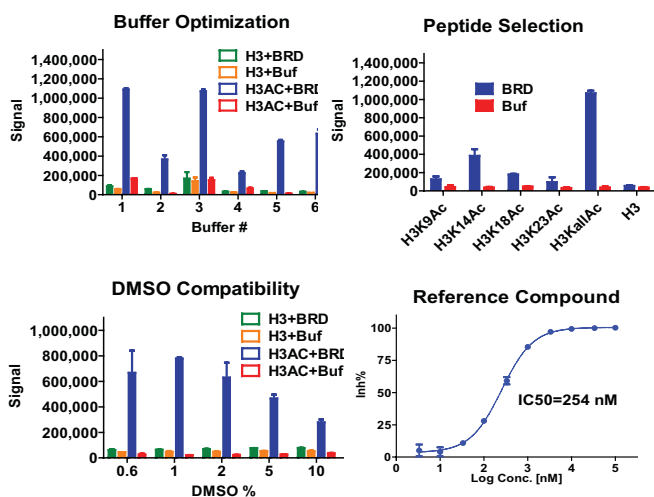


Epigenetic Enzyme Assay Panel Screen



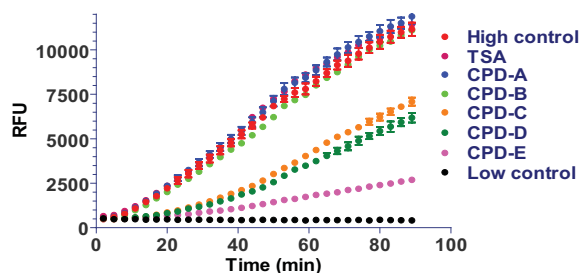
Case Study

HTS Assay Development on Bromodomain-X



Off-rate Determination of HDAC-Y

CPD K_{off} determination on HDAC-Y



CPD	TSA	A	B	C	D	E
k _{off} (min ⁻¹)	0.062	0.38	0.13	0.022	0.017	0.006
T _{1/2} (min)	11	1.8	5.3	31.1	40	126