# **Resource Summary Report**

Generated by dkNET on Apr 28, 2025

## **Herzon Lab**

RRID:SCR\_008850

Type: Tool

### **Proper Citation**

Herzon Lab (RRID:SCR\_008850)

#### Resource Information

**URL:** <a href="http://www.yale.edu/herzongroup/Herzon\_Lab/Home.html">http://www.yale.edu/herzongroup/Herzon\_Lab/Home.html</a>

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**Description:** My laboratory has created a family of natural product-inspired anticancer agents. We have evaluated our compounds at the Yale Center for Chemical Genomics, and they are exhibiting IC50 values in the low nM range against K562, HeLa, LnCAP, and HCT-116 lines. Their mechanism of action is unknown, although the natural products have been shown to cleave DNA. An evaluation of the natural products at the NCI has shown that they have a toxicity profile that is distinct from other known DNA damaging agents. We can readily access gram-quantities of these agents for further studies. We are looking for researchers who might find these compounds useful in medicinal applications, for example, for treatment of a specific cancer. We are capable of synthesizing new analogs, such as those incorporating a specific recognition or targeting element, and would be excited to pursue this avenue of research.

Abbreviations: Herzon Lab

**Synonyms:** Herzon Laboratory

Resource Type: access service resource, service resource, core facility

**Keywords:** chemistry, synthetic anticancer agent, anticancer agent

Related Condition: Cancer

**Funding:** 

Resource Name: Herzon Lab

Resource ID: SCR\_008850

Alternate IDs: nlx\_149076

**Record Creation Time:** 20220129T080249+0000

**Record Last Update:** 20250428T053446+0000

### Ratings and Alerts

No rating or validation information has been found for Herzon Lab.

No alerts have been found for Herzon Lab.

#### **Data and Source Information**

Source: SciCrunch Registry

# **Usage and Citation Metrics**

We have not found any literature mentions for this resource.