

# Resource Summary Report

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## Herzon Lab

RRID:SCR\_008850

Type: Tool

### Proper Citation

Herzon Lab (RRID:SCR\_008850)

### Resource Information

**URL:** [http://www.yale.edu/herzongroup/Herzon\\_Lab/Home.html](http://www.yale.edu/herzongroup/Herzon_Lab/Home.html)

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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 IC<sub>50</sub> 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:** core facility, access service resource, service resource

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

**Related Condition:** Cancer

**Resource Name:** Herzon Lab

**Resource ID:** SCR\_008850

**Alternate IDs:** nlx\_149076

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

**Record Last Update:** 20260808T042651+0000

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## Ratings and Alerts

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

No alerts have been found for Herzon Lab.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.