Bring your epigenetics projects to us!

Our epigenetics core supports projects from start to finish, including study design, assays, bioinformatic analyses and interpretation of the results. Below is a list of current services. We are also open to discuss about custom applications. Sanger and next-generation sequencing for each assay is usually done through the Gene Profiling Shared Resource (GPSR) and the Massively Parallel Sequencing Shared Resource (MPSSR) at OHSU. We operate on a fee-for-service basis and try to keep costs low so that even small labs can take advantage of our service.

**Methylation**
- Whole Genome Bisulfite Sequencing (WGBS)
- Reduced Representation Bisulfite Sequencing (RRBS-seq)
- Illumina Methyl Capture (targeted approach)
- Targeted allelic bisulfite sequencing (Sanger sequencing)

**Chromatin**
- Chromatin Immunoprecipitation followed by sequencing (ChIP-seq)
- Assay for transposase-accessible chromatin using sequencing (ATAC-seq)

**Bioinformatics analysis of epigenetic datasets**

**Custom projects**

Please inquire at carbone@ohsu.edu

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If you are studying gene regulation, you are studying epigenetics. We assist investigators to analyze epigenetic regulation taking advantage of constantly evolving technologies and high throughput sequencing.