



VMB 652 – CANCER SYSTEMS BIOLOGY

Mon/Wed 1:00-2:20 PM * Dryden Hall 104

Spring 2026 * Lead instructor: Stephen Ramsey

A discussion- and journal article-based course

- single-cell genome/transcriptome sequencing
- cancer sub-typing via the transcriptome / genome
- cross-species 'omics data analysis
- pan-cancer genome analysis
- 'omics-based prediction of response to therapy
- unique challenges and features of a systems biology approach to cancer research



Oregon State
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