Cancer and its spread: the wolf in sheep's clothing

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The incidence of cancer is rising and is expected to strike over 2 million people annually in the United States by 2020. Everyone has been, or will be touched by cancer in some way during their lifetime. This seminar will help students develop a deeper understanding of cancer and how it spreads (metastasis). The seminar will describe the biology behind cancer, tumor microenvironment, cancer stem cells, and steps in metastasis. We will highlight cutting edge research conducted at USC in order to spur enthusiasm in students for joining faculty labs. Furthermore, we will delve into how metastases harm the patient and potential therapies (targeted drug therapy and immunotherapy).