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Code	<b>BENG514</b>
Name	<b>Cancer Biology and Treatment</b>
Hour per week	3 (3 + 0)
Credit	3
ECTS	10
Level/Year	Graduate / Anytime
Semester	Fall and Spring
Type	Elective
Prerequisites	-
Content	The details of basic principles of cancer development at the level of molecular and cell biology and how these basic concepts applied to cancer diagnosis and treatment will be covered. Current literature knowledge in this field will be discussed. Carcinogenesis, cell cycle and regulation, oncogenes, tumor suppressor genes, angiogenesis, metastasis and invasion, multidrug resistance in cancer, interactions between tumor and its environment, cancer treatment strategies will be the main topics to be discussed.

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