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|--|-------------------|--------------------------------|-----|
| <b>Category</b><br>(科目区分)  | Research subject  |                                |     |
| <b>Course Title</b><br>(授業科目名)   | Clinical oncology |                                |     |
| <b>Instructors</b><br>(担当者名)   | Hiroyuki Shibata  | <b>Academic Year</b><br>(配当年次) | 2,3 |
| <b>Required Course /<br/>Elective Course</b><br>(必修/選択)  | Elective Course   | <b>Credits</b><br>(単位数)        | 15  |
| <b>Class Format</b><br>(授業形態)  | practice          |                                |     |
| <b>Schedule</b><br>(開講期間)  | on demand         |                                |     |
| <b>Class Date/Period</b><br>(開講曜日・時間)  | on demand         |                                |     |
| <b>Course Outline/ Course Objectives</b> (授業の概要・到達目標)  |                   |                                |     |
| <p>Purpose: To develop a new strategy of chemotherapy, and to make progress in translational study in the future clinical research, the trainees conduct a set of experiments. . Goal: Publication of research outcomes. Outlines of the class: 1. To know the underlying biological features of cancer cells, it is good to understand the mechanisms of molecular targeted agents. 2. To evaluate a new compound, signal transduction of kinases, transcriptional activities of transcriptional factors, pro-apototic proteins, invasion and metastatic abilities, and tumor angiogenesis of cancer cells should be understood. 3. By using mouse models, the compounds can be evaluated in vivo. We have a dozen of newly synthesized compounds bearing unknown functions. They are good seeds of drug development.</p> |                   |                                |     |
| <b>Contact Information</b> (問い合わせ先(氏名, メールアドレス等))  |                   |                                |     |
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| <b>Comment</b> (その他特記事項)   |                   |                                |     |
| <p>Information about courses: If you cannot attend the training due to work, such as a graduate student who is a member of society, we will adjust the schedule.<br/> Textbooks / References: DeVita, "Molecular Biology of Cancer."<br/> Self-study content during self-study time: It is desirable to carry out preparatory learning according to the goals to be achieved and the content of the lesson.</p>  |                   |                                |     |