

**Principles of Cancer Therapy: CB 7240**  
**Schedule-Winter 2016 (FINAL)**

Monday, Wednesday: 9:00-10:00, Glancy Auditorium, Prentis Building, 110 East Warren Ave.

Recommended reading: Chabner and Longo, Cancer Chemotherapy and Biotherapy, 5<sup>th</sup> Edition @ and Literature Readings

Course director: Dr. Larry Matherly

1. January 11 (Mon): Chemotherapy of leukemias and lymphomas : **Jeff Taub**
2. 13 (Wed): Pharmacology of anticancer drugs I: **Jing Li**

January 18 (Mon) HOLIDAY

3. 20 (Wed): Pharmacology of anticancer drugs II: **Jing Li**
4. 25 (Mon): Therapy of brain tumors: **Sandeep Mittal**
5. 27 (Wed): Therapy of solid tumors: **Tony Shields**
6. February 1 (Mon): Chemotherapy and the cell cycle: **George Brush**
7. 3(Wed): Antimetabolites I: **Larry Matherly**
8. 8(Mon): Antimetabolites II: **Larry Matherly**

February 10 (Wed): EXAM 1 (Lectures 1-8)

9. 15 (Mon): Antitumor antibiotics: **Steve Patrick**
10. 17 (Wed): Alkylating agents, platinum: **Steve Patrick**
11. 22 (Mon): Radiation therapy: **Mike Joiner**
12. 24 (Wed): Radiation therapy: **Mike Joiner**
13. 29 (Mon): Tumor metabolism: **S. Mathupala**
14. March 2(Wed): Personalized medicine for cancer: **Aliccia Bollig-Fischer**
15. 7 (Mon): Signal transduction and cancer therapy: **Ray Mattingly**
16. 9 (Wed): Signal transduction and cancer therapy: **Ray Mattingly**

March 11 (Fri) EXAM 2 (Lectures 9-16)

March 14-18: SPRING BREAK

17. March 21 (Mon): Stem Cells and Cancer Therapy: **Guojun Wu**
18. 23 (Wed): Steroid and Hormone sensitive cancers: **Manohar Ratnam**
19. 28 (Mon): Steroid and Hormone sensitive cancers: **Manohar Ratnam**
20. 30 (Wed): Apoptosis and Chemotherapy: **Gen Sheng Wu**
21. April 4 (Mon): Apoptosis and Chemotherapy: **Gen Sheng Wu**
22. 6 (Wed): Targeting transcription in cancer therapy: **Yubin Ge**
23. 11(Mon): Tumor metastasis and targeted therapies-: **R. Fridman**
25. 13 (Wed): Tumor metastasis and targeted therapies: **R. Fridman**

April 18 (Mon) and April 20 (Wed)--AACR (No class)

26. April 22 (Fri): Tumor Imaging: **Nerissa Viola-Viellegas**
27. 25 (Mon): Clinical trials: **Elisabeth Heath**

April 27—May 3 EXAM (Lectures 19-29) Date TBA