

## **Antineoplastic Therapy and Immunotherapy Course**

Day One: Monday, April 10, 2023, Herberman 201 AB

Day Two: Monday, April 17, 2023, Herberman 201 AB

Day Three: Monday, April 24, 2023, Herberman 201 AB

Day Four: Monday, May 1, 2023, Herberman 201 AB

Test Date: Tuesday, May 15, 2023 Remote

UPMC Hillman Cancer Center

On site attendance option for staff who work on Shadyside Campus,

all other staff will attend remotely via Microsoft TEAMS

### **Learning Objectives**

After participation in this activity, the learner will be able to:

- Discuss the expectations related to class content and the participant's professional responsibilities
- Discuss the roles of antineoplastic therapy and immunotherapy in the treatment of cancer
- Recall the pharmacology of different classes of antineoplastic and supportive therapies
- Recognize side effects and organ toxicities that patients may experience while receiving antineoplastic and supportive therapies
- Discuss management strategies for patients receiving antineoplastic and supportive therapies, including the prevention and treatment of toxicities and side effects
- Describe the safe administration of antineoplastic and supportive therapies
- Identify interventions to prevent chemotherapy errors
- Develop a patient care management plan for a patient receiving antineoplastic therapies and supportive therapies
- Identify three resources for oncology healthcare providers to utilize
- Demonstrate that learning has occurred by achieving at least an 80% on the final exam

## Agenda

Day 1: Monday, April 10, 2023

8:00 am	Course Overview	Lynne O'Connor, MSN, RN
8:15 am	Genetics vs. Genomics	Melissa K. Bourdus, MS, CGC
8:50 am	Alkylating Agents	Trish Seaman, MSN, RN, CMSRN
9:50 am	Break	
10:00 am	Tyrosine Kinase Inhibitors: Part One	Amanda Agnew, PharmD, BCOP
10:45 am	Tyrosine Kinase Inhibitors: Part Two	Jason Steele, PharmD, BCOP
11:40 am	Lunch	
12:20 pm	Hormone Therapy: Prostate	Tom Boyer, PA-C
12:50 pm	Organ Toxicities	Linda Pfeifer, CRNP, RN
1:50 pm	Antimetabolites	Tim George, PharmD, BCOP
3:00 pm	Break	Lynne O'Connor, MSN, RN
3:10 pm	Cytokines, L Asparaginase, and Vaccine Therapy	Tim George, PharmD, BCOP
4:10 pm	Adjournment	Lynne O'Connor, MSN, RN

## Agenda

Day 2: Monday, April 17, 2023

8:00 am	Welcome	Lynne O'Connor, MSN, RN
8:10 am	Hypersensitivity	Alyssa Owens, MPAS, PA-C
8:50 am	Administration	Markie Rearick, MSN, RN, BMTCN
9:50 am	Break	
10:00 am	Monoclonal Antibodies: Part 1	Melissa Bastacky, PharmD, BCOP
11:05 am	Monoclonal Antibodies: Part 2	Melissa Bastacky, PharmD, BCOP
12:15 pm	Lunch	
12:55 pm	Principles of Antineoplastic Drug Therapy	Ernie Sanchez, PharmD
1:50 pm	Growth Factors	Emily Mueseler, MPAS, PA-C
2:35 pm	Break	
2:45 pm	Extravasations	Nancy Birus, RN, OCN
3:20 pm	Oral Adherence	Nancy Birus, RN, OCN
3:55 pm	Adjournment	Lynne O'Connor, MSN, RN

## Agenda

Day 3: Monday, April 24, 2023

8:00 am	Welcome	Lynne O'Connor, MSN, RN
8:05 am	Miscellaneous Agents	Tim Brenner, PharmD, BCOP
10:05 am	Break	
10:15 am	Antitumor Antibiotics	Brian Miller, PharmD
11:30 am	Protectants	Lynne O'Connor, MSN, RN
12:00 pm	Lunch	
12:45 pm	CAR-T Therapy	Shrina Duggal, PharmD, BCOP
1:35 pm	Error Prevention	Amy DiMaggio, MSN, RN, CMSRN, OCN
2:20 pm	Hormone Therapy: Breast Cancer	Courtney Stetor, MPAS PA-C
2:50 pm	Adjournment	Lynne O'Connor, MSN, RN

## Agenda

Day 4: Monday, May 1, 2023

8:00 am	Welcome	Lynne O'Connor, MSN, RN
8:05 am	Plant Alkaloids	Nicole Kahler, DNP, CRNP, AOCNP
8:55 am	Homework Review	Lynne O'Connor, MSN, RN
9:50 am	Break	
10:00 am	Case Study	Brittni Prosdocimo, MSN, RN, BMTCN
10:30 am	Review/Jeopardy	Amy DiMaggio, MSN, RN, CMSRN, OCN Lynne O'Connor, MSN, RN Brittni Prosdocimo, MSN, RN, BMTCN
12:00 pm	End of Class/Adjournment	Lynne O'Connor, MSN, RN

## Course Exam

### UPMC Employees:

You will take course exam on your business unit as specified by your manager. The electronic test will be taken virtually in HR Direct - Learning on Tuesday, May 15, 2023. The following information must be provided to course director by **Monday, April 24, 2023 (Day 3) via email to Lynne O'Connor at OConnorLJ@upmc.edu**

- Name of exam proctor and contact information
- Test date (if other than scheduled test date)

### Non-UPMC Attendees:

You will complete a paper test at your business unit as directed by your manager on the same day as the UPMC employees. The following information must be provided to course director by Monday, **April 24, 2023 (Day 3) via email to Lynne O'Connor at OConnorLJ@upmc.edu**

- Name of exam proctor and contact information
- Test date (if other than scheduled test date)

## Faculty Listing

*Amanda Agnew, PharmD, BCPS,  
BCOP  
Clinical Oncology Pharmacist  
UPMC Hillman Cancer Center*

*Melissa Bastacky, PharmD, BCOP  
Clinical Pharmacy Specialist  
UPMC Hillman Cancer Center*

*Nancy Birus, RN, OCN  
Clinical Education Specialist  
UPMC Hillman Cancer Center*

*Melissa K. Bourdius, MS, CGC  
Genetics Counselor  
Special Genetic Counsel  
UPMC Magee-Womens Hospital*

*Tom G. Boyer, PA-C  
Physician Assistant  
University of Pittsburgh Physicians*

*Tim Brenner, PharmD, BCOP  
Clinical Pharmacy Specialist  
UPMC Hillman Cancer Center*

*Amy DiMaggio, MSN, RN, CMSRN,  
OCN  
Clinical Education Specialist  
UPMC Hillman Cancer Center*

*Shrina Duggal, PharmD, BCOP  
Lead Clinical Oncology Pharmacist  
UPMC Hillman Cancer Center*

*Timothy George, PharmD, BCOP  
Clinical Pharmacy Specialist  
UPMC Hillman Cancer Center*

*Nicole Kahler, DNP, CRNP, AOCNP  
Nurse Practitioner  
University of Pittsburgh Physicians*

*Brian Miller, PharmD  
Manager, Investigational Drug Services  
Pharmacy  
UPMC Hillman Cancer Center*

*Emily Mueseler, MPAS, PA-C  
Physician Assistant  
UPMC Hillman Cancer Center*

*Lynne O'Connor, MSN, RN  
Clinical Education Specialist  
UPMC Hillman Cancer Center*

*Alyssa Owens, MPAS, PA-C  
Physician Assistant  
UPMC Hillman Cancer Center*

*Linda Pfeifer, CRNP, RN  
Nurse Practitioner  
UPMC Hillman Cancer Center*

*Brittini Prosdocimo, MSN, RN, BMTCN  
Advanced Clinical Education Specialist  
UPMC Hillman Cancer Center*

*Markie Rearick, MSN, RN, BMTCN  
Clinical Education Specialist  
UPMC Shadyside*

*Ernest M. Sanchez, Pharm.D.  
Lead Pharmacist of Oncology  
Operations, Department of  
Pharmacy  
UPMC Shadyside Hospital*

*Trish Seaman, MSN, RN, CMSRN  
Nurse Educator, Central PA  
UPMC Hillman Cancer Center*

*Jason Steele, PharmD, BCOP  
Oncology Clinical Pharmacist  
UPMC Hillman Cancer Center*

*Courtney Stetor, MPAS PA-C  
Physician Assistant  
UPMC Hillman Cancer Center*

## **Contact Hours**

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

The University of Pittsburgh has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 25.25 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

The maximum number of hours awarded for this Continuing Nursing Education activity is 25.25 contact hours.

To receive 25.25 Contact Hours, the learner must sign into each class, attend the entire activity, each class day submit roster for each day or sign roster electronically in meeting. Evaluation will be completed on CCE website after passing the test.

## **Disclosure of Conflicts of Interest**

All individuals in a position to control the content of this education activity are required to disclose all relevant financial relationships with any proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

The following information was provided:

Amanda Agnew, Melissa Bastacky, Nancy Birus, Melissa K. Bourdus, Thomas G. Boyer, Timothy Brenner, Amy DiMaggio, Shrina Duggal, Timothy George, Nicole Kahler, Emily Mueseler, Brian Miller, Lynne O'Connor, Alyssa Owens, Linda Pfeifer, Markie Rearick, Brittni Prosdocimo, Ernest Sanchez, Trish Seaman, Jason Steele, Courtney Stetor, and the planning committee for this activity did not have any relevant financial relationships with a commercial interest.