

ACCP Academy Certificate Program

Precision Medicine: Applied Pharmacogenomics

20 Contact Hours (2.0 CEU) - ACPE UAN:0217-0000-18-224-B04-P

The ACCP Academy's Certificate Program, Precision Medicine: Applied Pharmacogenomics is a practice-based activity designed to help clinical pharmacists understand how genetic factors influence the efficacy and adverse effects of drug therapy. Participants will learn empirical strategies for applying this knowledge in a clinical setting.

Target Audience

Clinical pharmacists seeking to understand the principles of pharmacogenomics, integrate precision medication services into their practice, and/or educate trainees, patients, and other health care professionals about pharmacogenomics.

Benefits

- Practice-based activity provides practical guidance for the application of pharmacogenomic principles in current patient populations.
- Experienced, engaging faculty deliver a proven curriculum in an accessible format.
- A combination of live and online modules encourage participants to interact with instructors and peers for an enhanced educational experience.
- Activities are evaluated throughout the program to reinforce the content and assess each participant's application of the material.
- Twenty hours of programming across seven modules and twelve topics. Refer to complete topic list and schedule on page 2.

Learning Objectives

- Demonstrate an understanding of basic genetic concepts and nomenclature, and how genetic variation contributes to inter-individual variability in drug pharmacokinetics, pharmacodynamics, and adverse effects.
- Recommend clinical pharmacogenomic testing, when appropriate, and interpret the results to guide optimal drug selection and dosing.
- Use evidence-based guidelines and literature to formulate patient-specific medication recommendations based on pharmacogenomic test results and other patient-specific factors, and communicate these recommendations to the health care team.
- Educate patients and health care professionals about the principles of clinical pharmacogenomics, including clinical utility, cost-effectiveness, reimbursement, and ethical, legal, and social implications of pharmacogenomic testing.
- Develop a clinical pharmacogenomics implementation plan, including an assessment of clinical informatics resources (e.g., clinical decision support tools), which can be applied at the institutional or system level.

Registration and Rates

To register for the ACCP Academy Certificate Program, Precision Medicine: Applied Pharmacogenomics click below on the appropriate rate. Eight hours of live programming will be offered on October 23, 2018 during ACCP's Global Conference on Clinical Pharmacy in Seattle, Washington.

Registration Deadline: September 14, 2018

	Standard Rate	Discounted Rate for ACCP Global Conference on Clinical Pharmacy Registrants*
ACCP Members	\$495.00	\$250.00
Nonmembers	\$795.00	\$395.00

*In order to take advantage of this discounted rate, participants must be registered for the ACCP Global Conference on Clinical Pharmacy prior to enrolling in the ACCP Academy Certificate Program, Precision Medicine: Applied Pharmacogenomics. To register for the ACCP Global Conference on Clinical Pharmacy, visit www.accp.com/gc. The Standard Rate entitles the registrant to attend the Pharmacogenomics Workshop only on October 23, but does not provide access to other Global Conference programming.



Successful completion of all of the requisites no later than December 15, 2018 will provide 20.0 contact hours (2.0 CEU) of practice-based continuing pharmacy education (10 hours home-study, 10 hours live) and a certificate suitable for framing. To achieve the stated program outcomes, the activity is designed to be completed in its entirety. No continuing education credit will be given for partial completion of the program. Program completion and participant information will be submitted online via CPE Monitor®.

Technical Requirements

A computer with a high speed internet connection and audio is necessary. A webcam is preferred, but not required.

Our Commitment to Privacy

Your privacy is important to us. To better protect your privacy, we provide a complete explanation of our online information practices and the choices you can make about the way your information is collected and used. Please visit <https://www.accp.com/about/privacy.aspx> to read our complete privacy statement.

Schedule

Date	Modules/Topics	Hours	Activities
Foundational Content [ONLINE]			
Sept. 19–25	1. Pharmacogenomic Fundamentals	2	Exercise and Discussion Post
Sept. 26 – Oct. 3	2. Genetic Variation and Clinical Pharmacology	2	Exercise and Discussion Post
Oct. 3 – Oct. 9	3. Genotyping Tests and Pharmacogenomic Evidence	2	Exercise and Discussion Post
Workshop Content [LIVE AT THE ACCP GLOBAL CONFERENCE ON CLINICAL PHARMACY IN SEATTLE, WASHINGTON]			
Oct. 23	4. Evaluating the Pharmacogenomics Literature	1	Journal Club
	5. Practice-Based Clinical Cases – Cardiology	1	Clinical Case Exercises
	6. Practice-Based Clinical Cases – Psychiatry, Pain, Neurology	2	Clinical Case Exercises
	7. Practice-Based Clinical Cases – Oncology	2	Clinical Case Exercises
	8. Clinical Implementation	2	Develop Clinical Implementation Plan
Post-Meeting Application Content [ONLINE VIDEOS, DISCUSSION POSTS, AND VIDEO CHATS]			
Oct. 31 – Nov. 6	9. Advanced Topics in Clinical Informatics	2	Exercise and Interactive Video Chat
Nov. 7 – Nov. 13	10. Advanced Topics in Oncology – focus on somatic mutations	2	Exercise and Discussion Post
	11. Ethical Legal and Social Issues		
Nov. 14 – Nov. 20	12. Advanced Topics in Clinical Implementation, Cost-Effectiveness, and Reimbursement.	2	Expand and Refine Clinical Implementation Plan, Discussion Post, and Interactive Video Chat

Program Faculty

Christina L. Aquilante, Pharm.D.

Professor, Department of Pharmaceutical Sciences
Skaggs School of Pharmacy and Pharmaceutical Sciences
University of Colorado Denver

J. Kevin Hicks Pharm.D., Ph.D.

Personalized Medicine Specialist
Department of Individualized Cancer Management
Moffitt Cancer Center

Aniwaa Owusu Obeng, Pharm.D.

Assistant Professor
The Charles Bronfman Institute for Personalized Medicine
Icahn School of Medicine at Mount Sinai

Doctors Aquilante, Hicks and Obeng have no relevant financial relationships to disclose.