

CONTINUING EDUCATION CREDIT INFORMATION

Course Description

The program aims to provide an overview of genomic medicine and pharmacogenetics, review specialties where advancements in pharmacogenetics can improve the quality of care, and offer perspective from leading experts in how pharmacogenetics can transform clinical practice. Despite patient and clinician interest in pharmacogenetics, education is often the limiting factor to clinical application. The program will introduce foundational pharmacogenetic concepts, examine clinical evidence, and discuss the translation of evidence to patient care. Attendees will be exposed to a variety of use cases for pharmacogenetics, including pain management, psychiatry, cardiology, and supportive care. Case-based discussions will allow practitioners and healthcare professionals to hear and discuss real-world experiences in using pharmacogenetics in the daily practice of medicine.

Learning Objectives

- Summarize foundational concepts related to genomic medicine and pharmacogenetics
- Explain how pharmacogenetic results can be used in prescribing decisions
- Recall key resources for the clinical application of pharmacogenetics
- Recognize that evidence levels vary between different drug-gene pairs
- Identify clinical scenarios where a genetic result can guide therapy

Target Audience

This conference is intended for physicians, physician assistants, nurse practitioners, pharmacists, pharmacy technicians, pharmacy students, pharmacy residents and all other members of the healthcare team interested in pharmacogenomics.

Accreditation



In support of improving patient care, MedStar Health 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.

Credit Designation



This activity was planned by and for the healthcare team, and learners will receive 4.75 Interprofessional Continuing Education (IPCE) credits for learning and change.

Direct continuing education credits will be awarded to the following: physicians, nurses, and pharmacists.

MEDSTAR GENETIC MEDICINE: PHARMACOGENOMICS 2020

April 4, 2020 | Bethesda Marriott | Bethesda, MD

MedStar Health
3007 Tilden St., NW, Suite 3N
Washington, DC 20008



MedStar Health

For more information and to register, please visit
CE.MedStarHealth.org/PGX2020

MEDSTAR GENETIC MEDICINE: PHARMACOGENOMICS 2020

April 4, 2020
Bethesda Marriott
Bethesda, MD

Course Co-Directors

Sandra M. Swain, MD
Georgetown University Medical Center
Washington, D.C.

Joan K. Bardsley, MBA, RN
MedStar Health Research Institute
Hyattsville, MD

D. Max Smith, PharmD
MedStar Health
Washington, D.C.

James C. Welsh, MD, MBA, MPH
MedStar Medical Group
Columbia, MD



MedStar Health

COURSE CO-DIRECTORS

Sandra M. Swain, MD
Vice President, MedStar Genetic Medicine
MedStar Health
Associate Dean, Research Development
Professor, Medicine
Georgetown University Medical Center
Washington, D.C.

Joan K. Bardsley, MBA, RN
AVP Research and Nursing Integration
MedStar Health Research Institute
MedStar Health System Nursing
Hyattsville, MD

D. Max Smith, PharmD
Clinical Pharmacogenomics Specialist
MedStar Health
Assistant Professor, Oncology
Georgetown University Medical Center
Washington, D.C.

James C. Welsh, MD, MBA, MPH
Vice President, Primary Care
MedStar Medical Group
Columbia, MD

FACULTY

Jeffrey R. Bishop, PharmD, MS
Associate Professor, Pharmacy and Psychiatry
University of Minnesota College of Pharmacy
Minneapolis, MN

Asma A. Dilawari, MD
Medical Oncologist, Hematology/Oncology
MedStar Washington Hospital Center
MedStar Georgetown University Hospital
Lombardi Comprehensive Cancer Center
Assistant Professor, Breast Oncology
Georgetown University Medical Center
Washington, D.C.

Venkatesh D. Handratta, MD
Assistant Professor, Psychiatry
Georgetown University Medical Center
Washington, D.C.

James M. Hoffman, PharmD, MS
Chief Patient Safety Officer
Associate Member, Pharmaceutical Sciences
St. Jude Children's Research Hospital
Memphis, TN

Adrian C. Hui, PharmD
Clinical Pharmacist
MedStar Union Memorial Hospital
Baltimore, MD

Jai N. Patel, PharmD
Chief, Pharmacology Research
Associate Professor
Division of Hematology/Oncology
Cancer Pharmacology
Levine Cancer Institute
Charlotte, NC

Beth N. Peshkin, MS
Director, Cancer Genetic Counseling
Lombardi Comprehensive Cancer Center
Professor, Oncology
Georgetown University Medical Center
Washington, D.C.

Laura B. Ramsey, PhD
Co-director, Genetic Pharmacology Service
Divisions of Clinical Pharmacology & Research
in Patient Services
Cincinnati Children's Hospital Medical Center
Assistant Professor, Pediatrics
University of Cincinnati College of Medicine
Cincinnati, OH

Todd C. Skaar, PhD
Professor, Medicine
Indiana University School of Medicine
Indianapolis, IN

Sara Zifa, PharmD
Inpatient Clinical Pharmacist
MedStar Harbor Hospital
Baltimore, MD

AGENDA

- 7:00 a.m.

Registration & Continental Breakfast
- 8:00 a.m.

Opening Remarks
Sandra M. Swain, MD
- 8:10 a.m.

Genetics 101
Beth N. Peshkin, MS
- 8:30 a.m.

PGx 101
D. Max Smith, PharmD
- 8:50 a.m.

Questions 101
Moderator: Sandra M. Swain, MD
Panelist: M. Smith, B. Peshkin
- 9:00 a.m.

Opportunities to Apply Pharmacogenetics in Supportive Care
Jai N. Patel, PharmD
- 9:30 a.m.

Opportunities to Apply Pharmacogenetics in Pain Management
Todd C. Skaar, PhD
- 10:00 a.m.

CASE DISCUSSION | Session 1
Moderator: Sandra M. Swain, MD
Panelists: A. Dilawari, A. Hui, J. Patel, T. Skaar
- 10:30 a.m.

Break and Visit the Exhibits
- 11:00 a.m.

Pharmacogenetics in Psychiatry: Is the Hype Real?
Jeffrey R. Bishop, PharmD, MS
- 11:30 a.m.

Pharmacogenetics in Cardiology: Are the Data Ready for Prime Time?
Laura B. Ramsey, PhD
- 12:00 p.m.

Pharmacogenomics in Practice
James M. Hoffman, PharmD, MS
- 12:30 p.m.

CASE DISCUSSION | Session 2
Moderator: D. Max Smith, PharmD
Panelists: J. Bishop, V. Handratta, J. Hoffman, L. Ramsey, S. Zifa
- 1:00 p.m.

Closing Remarks
Sandra M. Swain, MD

REGISTRATION INFORMATION

Registration Fees

Physician	\$125
Resident or Fellow	\$99
Physician Assistant	\$99
Nurse Practitioner	\$99
Nurse	\$99
Pharmacist	\$99
Allied Health Professional	\$99

Online Registration Preferred

Please visit our secure website at <https://CE.MedStarHealth.org/PGX2020> for updated program and registration information. We are unable to accept registrations or cancellations by telephone. If you wish to pay your registration fee by check, please download and print a registration form and mail it to the address on the registration form with your check.

All registrations will be confirmed by email only. Please use an email address that you check regularly. If you have questions regarding registration or do not receive an email confirmation of your registration within 1-2 business days, please contact us at MedStarCME@gmail.com or 202-780-1655.

Cancellation Policy

Cancellations made in writing by March 5, 2020 will be subject to a 50% penalty. No refunds will be given after March 5, 2020. Cancellations will not be accepted by telephone. In the unlikely event that the course is cancelled, MedStar Health will refund the registration fee, but is not responsible for any travel costs.

Please call 202-780-1655 or email MedStarCME@gmail.com if you have any questions or need any additional information.

VENUE INFORMATION

Bethesda Marriott

5151 Pooks Hill Rd. | Bethesda, MD 20814
(301) 897-9400 | www.Marriott.com/WASBT