

Personalized medicine IS your future

1–3 p.m.

Nov. 11

Room 310

Hawaii Convention
Center

Agenda

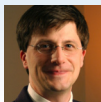
1–1:05 p.m.



Welcoming remarks

Sandra A. Fryhofer, MD
Chair, AMA Council on Science and Public Health

1:05–1:35 p.m.



Clinical applications of genetic technology: Advances since the publication of the human genome

W. Gregory Feero, MD
Associate professor, Department of Community and Family Medicine,
Dartmouth Medical School

1:40–2:10 p.m.



Clinical applications of genetic technology: What's appropriate to use for patient care?

Robert Nussbaum, MD
Professor, Department of Medicine and chief, Division of Medical Genetics, UCSF

2:15–2:45 p.m.



Whole exome sequencing as a diagnostic tool

David Dimmock, MD
Assistant professor, Department of Pediatrics, Medical College of Wisconsin

2:45–3 p.m.

Moderated question and answer session

Objectives

1. **Summarize** advances in using genetic technology for clinical care since the human genome sequence was completed.
2. **Explain** the major benefits, risks, and limitations of genetic testing.
3. **Review** the appropriate application of predictive, diagnostic, and carrier genetic testing.
4. **Discuss** the use of whole genome sequencing in clinical care.

Target audience

This activity is designed both for physicians who have had limited experience with genetics and want to learn more about the integration of genetics into clinical practice, and for physicians who are experienced in genetics and are interested in newer genetic technologies and more effectively using genetics in patient care. Primary care physicians including pediatricians, cardiologists, oncologists, psychiatrists and neurologists are particular targets.

Statement of need

The growth of genetic technology has resulted in thousands of genetic tests available for clinical use, and an ever increasing wealth of knowledge about how a patient's genotype may influence therapeutic response. A need exists to improve physician's awareness of the use of genetic technology in clinical practice, and foster a desire on the part of physicians to increase their knowledge and improve practice.

Statement of competency

This activity is designed to address the following ABMS/ACGME competencies: Patient Care, Medical Knowledge and Interdisciplinary Teamwork.

CME Activity Planning Committee

Rita LePard

Member, CME Program Committee, AMA

Barry Dickinson, PhD

Director, Science and Biotechnology, AMA

Katherine Johansen-Taber, PhD

Senior scientist, Genetics & Molecular Medicine, AMA

Gary Woods, MD

President-elect, The Forum for Medical Affairs

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Disclosure

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Rita LePard

Nothing relevant to disclose

Barry Dickinson, PhD

Nothing relevant to disclose

Katherine Johansen-Taber, PhD

Nothing relevant to disclose

Gary Woods, MD

Nothing relevant to disclose

Brian Foy

Nothing relevant to disclose

Sandra A. Fryhofer, MD

Nothing relevant to disclose

Robert Nussbaum, MD

Consultant, Complete Genomics (\$50K-\$100K)

W. Gregory Feero, MD

Nothing relevant to disclose

David Dimmock, MD

Nothing relevant to disclose

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