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American Society of Human Genetics (ASHG) 57th Annual Meeting

October 23 - 27, 2007, San Diego, California

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Topic Overviews

CME/CE Advances in Schizophrenia Pharmacogenetics

Physicians - maximum of 1.0 AMA PRA Category 1 credit(s)TM

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Developments in Genetic Predictors of Response to Antipsychotic Medications
Jeffrey R. Bishop, PharmD, BCPPPredicting Side Effects Using Pharmacogenetics
Jeffrey R. Bishop, PharmD, BCPPClinical Applications and Future Directions of Pharmacogenetics in the
Treatment of Patients With Schizophrenia
Jeffrey R. Bishop, PharmD, BCPP

Expert Interviews

[Advances in Schizophrenia Pharmacogenetics: An Expert Interview With James L. Kennedy, MD](#)

Can a genetic test help you select the best medication for your patients with schizophrenia or predict dangerous adverse effects? Read about a psychiatrist-researcher who's pioneering this approach.

[Understanding Natural Selection in People Through Population Genetics: An Expert Interview With Molly Przeworski, PhD](#)

What are hot spots? How do hot spots in humans differ from those in chimpanzees? What puzzling feature correlates with fertility in women? What is the biggest challenge in population genetics today?

Conference News

[CME/CMLE Targeted Delivery Overcomes Many Limitations of Gene Therapy for Cystic Fibrosis](#)

Bronchoscopic helper-dependent adenovirus delivery in baboons achieved efficient gene transfer and long-term expression.

Medscape Medical News, October 30, 2007

[CME/CMLE Models Provide Individualized Guidance for Surgery in BRCA-Positive Breast Cancer](#)

Predictions of 5-year survival and probability of contralateral breast cancer are based on each patient's variables.

Medscape Medical News, October 29, 2007

[CME/CMLE Study Supports Cost-Effectiveness of Genetic Screening to Prevent Ovarian Cancer](#)

Costs of population BRCA1/2 testing in Ashkenazi Jews are balanced by decreased ovarian cancer diagnosis and treatment costs in this at-risk population.
Medscape Medical News, October 29, 2007

[Depression Study Suggests a Model for the Neurological Basis of Psychotherapy](#)

Cognitive behavioral therapy may share common neurobiological mechanisms with pathways that govern neuronal plasticity.
Medscape Medical News, October 29, 2007

[Prolongation of QT Interval by Iloperidone Associated With Polymorphisms](#)

Identifying patients with differential metabolism of investigational drug will permit better therapeutic choices.
Medscape Medical News, October 29, 2007

[Choice of Sampling Site in Ovarian Cancer Alters MMR Protein Expression](#)

Estimates of mismatch repair deficiency in epithelial ovarian cancer may reflect fixation rather than pathology.
Medscape Medical News, October 29, 2007

[Breast Cancer Metastases to Axillary Lymph Nodes Show Divergent Genetic Patterns](#)

Genomic alterations indicate that metastases arise at various times throughout the disease.
Medscape Medical News, October 26, 2007

[Molecular Testing Yields More Accurate, Less Expensive Test for Usher Syndrome](#)

Pilot studies show that the frequency of Usher syndrome in the United States is between 1:5000 and 1:10,000.
Medscape Medical News, October 26, 2007

[Hypolipidemic Drug Effective for Adult Myopathic CPT2 Deficiency](#)

Bezafibrate is the first therapy to relieve muscle pain and improve quality of life for patients with a mitochondrial fatty acid oxidation disorder.
Medscape Medical News, October 25, 2007

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