Genetic variation and human health

Papers of a Discussion Meeting Issue organised and edited by M. P. H. Stumpf, D. B. Goldstein and N. W. Wood

Introduction: genetic variation and human health
M. P. H. Stumpf, D. B. Goldstein & N. W. Wood

Genomic medicine: genetic variation and its impact on the future of health care
H. F. Willard, M. Angrist & G. S. Ginsburg

Mapping and identifying genes for asthma and psoriasis
J. Kere

Pharmacogenetics of drug-metabolizing enzymes: implications for a safer and more effective drug therapy
M. Ingelman-Sundberg & C. Rodriguez-Antona

The genetics of human drug response
D. B. Goldstein

Population genetic approaches to neurological disease: Parkinson’s disease as an example
S. Gandhi, P. M. Abou-Sleiman, D. G. Healy, M. Weale, W. Gilks, K. Ahmad, D. B. Goldstein & N. W. Wood

Pharmacogenetics in drug development
A. D. McCarthy, J. L. Kennedy & L. T. Middleton

Prospects and pitfalls in whole genome association studies
R. W. Lawrence, D. M. Evans & L. R. Cardon

Recombination hotspots as a point process
M. De Iorio, E. de Silva & M. P. H. Stumpf

Will admixture mapping work to find disease genes?
D. Reich & N. Patterson

Integrating epidemiology and genetic association: the challenge of gene–environment interaction
P. Kraft & D. Hunter

Pharmacogenetics in drug regulation: promise, potential and pitfalls
R. R. Shah

Genetic variation and human health

Papers of a Discussion Meeting Issue organised and edited by M. P. H. Stumpf, D. B. Goldstein and N. W. Wood

Introduction: genetic variation and human health
M. P. H. Stumpf, D. B. Goldstein & N. W. Wood

Genomic medicine: genetic variation and its impact on the future of health care
H. F. Willard, M. Angrist & G. S. Ginsburg

Mapping and identifying genes for asthma and psoriasis
J. Kere

Pharmacogenetics of drug-metabolizing enzymes: implications for a safer and more effective drug therapy
M. Ingelman-Sundberg & C. Rodriguez-Antona

The genetics of human drug response
D. B. Goldstein

Population genetic approaches to neurological disease: Parkinson’s disease as an example
S. Gandhi, P. M. Abou-Sleiman, D. G. Healy, M. Weale, W. Gilks, K. Ahmad, D. B. Goldstein & N. W. Wood

Pharmacogenetics in drug development
A. D. McCarthy, J. L. Kennedy & L. T. Middleton

Prospects and pitfalls in whole genome association studies
R. W. Lawrence, D. M. Evans & L. R. Cardon

Recombination hotspots as a point process
M. De Iorio, E. de Silva & M. P. H. Stumpf

Will admixture mapping work to find disease genes?
D. Reich & N. Patterson

Integrating epidemiology and genetic association: the challenge of gene–environment interaction
P. Kraft & D. Hunter

Pharmacogenetics in drug regulation: promise, potential and pitfalls
R. R. Shah