Objective
Statistical Applications in Genetics and Molecular Biology seeks to publish significant research on the application of statistical ideas to problems arising from computational biology. The focus of the papers should be on the relevant statistical issues but should contain a succinct description of the relevant biological problem being considered. The range of topics is wide and will include topics such as linkage mapping, association studies, gene finding and sequence alignment, protein structure prediction, design and analysis of microarray data, molecular evolution and phylogenetic trees, DNA topology, and data base search strategies. Both original research and review articles will be warmly received.

What scholars are saying about Statistical Applications in Genetics and Molecular Biology
“This journal will keep statisticians up to date on the thinking behind the development and validation of molecular biology based classifiers for diagnostic testing for use in such areas as early detection of disease or recurrence, risk stratification, prognosis, prediction of treatment response, monitoring, and drug dosing.”

Gene Pennello, Ph.D., Center for Devices and Radiological Health, FDA

“This statistical applications in Genetics and Genomics are very important areas of research. This journal is one of the high-quality journals that I use, and that my students use as well.”

Carl Lee, Professor of Mathematics, Central Michigan University

Topics
- Linkage mapping
- Association studies
- Gene identification and sequence alignment
Protein structure prediction
Design and analysis of microarray data
Molecular evolution and phylogenetic trees
DNA topology
Data base search strategies

Article formats
Original Research Articles, Review Articles, Software Application Notes, and Book Reviews.

Information on submission process

Your benefits
Theoretical and computational innovations in the statistical analysis of biological data and systems
Practical applications of statistical ideas to computational biology, genomics, and systems biology and medicine
Specialized expertise in genomics, molecular, cellular and systems biology
Internationally recognized authors and editorial board
Rapid online publication of contributions as “ahead-of-print” versions
High quality peer review
Rapid “ahead-of-print” online publication of accepted papers
Open Access publication option available

Editor-in-Chief
Michael P.H. Stumpf, Imperial College London

Founding Editors
Nicholas P. Jewell, University of California Berkeley
Gary Churchill, The Jackson Laboratory
Elizabeth Thompson, University of Washington

Associate Editors
Mark Beaumont, University of Bristol
Tim Beißbarth, University of Göttingen
Harald Binder, University of Freiburg
Colin Gillespie, University of Newcastle
Mayetri Gupta, University of Glasgow
Antti Honkela, University of Helsinki
Alan Hubbard, University of California
Dirk Husmeier, University of Glasgow
Hongkai Ji, Johns Hopkins University
Sunduz Keles, University of Wisconsin
Kathleen Kerr, University of Washington
Laura Lazzeroni, Stanford University
Shili Lin, Ohio State University
Ping Ma, University of Illinois at Urbana-Champaign
Paul Marjoram, University of Southern California
Bart Mertens, Leiden University Medical Centre

*Prices in US$ apply to orders placed in the Americas only. Prices in GBP apply to orders placed in Great Britain only. Prices in € represent the retail prices valid in Germany (unless otherwise indicated). Prices are subject to change without notice. Prices do not include postage and handling if applicable. Free shipping for non-business customers when ordering books at De Gruyter Online. RRP: Recommended Retail Price.

Order now! orders@degruyter.com
Olle Nerman, Chalmers University of Technology
Enrico G. Petretto, Imperial College London
John Pinney, Imperial College London
Vincent Plagnol, University College London
Magnus Rattray, University of Manchester
Andrey Rzhetsky, University of Chicago
Guido Sanguinetti, University of Edinburgh
Korbinian Strimmer, Imperial College London
Mark van der Laan, University of California Berkeley
Arndt von Haeseler, Center for Integrative Bioinformatics Vienna
David Wild, University of Warwick
Ernst Wit, University of Groningen
Carsten Wiuf, University of Copenhagen

*Prices in US$ apply to orders placed in the Americas only. Prices in GBP apply to orders placed in Great Britain only. Prices in € represent the retail prices valid in Germany (unless otherwise indicated). Prices are subject to change without notice. Prices do not include postage and handling if applicable. Free shipping for non-business customers when ordering books at De Gruyter Online. RRP: Recommended Retail Price.

Order now! orders@degruyter.com