Contents

Articles

Genetic and Environmental Contributions to the Relationship Between Internalizing Disorders and Sick Leave Granted for Mental and Somatic Disorders

Depressive Symptoms and Career-Related Goal Appraisals: Genetic and Environmental Correlations and Interactions
Katariina Salmela-Aro, Sanna Read, Eero Vuoksimaa, Tellervo Korhonen, Danielle M. Dick, Justino Kaprio and Richard J. Rose

Genetic and Environmental Risk for Major Depressive Disorder in African-American and European-American Women
Alexis E. Duncan, Melissa A. Munn-Chernoff, Darrell L. Hudson, Michaela A. Eschenbacher, Arpana Agrawal, Elliot C. Nelson, Mary Waldron, Anne L. Glowinski, Carolyn E. Sartor, Kathleen K. Bucholz, Pamela A. Madden and Andrew C. Heath

Variants Close to NTRK2 Gene Are Associated With Birth Weight in Female Twins
Sarah J. Metrustry, Mark H. Edwards, Sarah E. Medland, John W. Holloway, Grant W. Montgomery, Nicholas G. Martin, Tim D. Spector, Cyrus Cooper and Ana M. Valdes

Genetics of Regular Exercise and Sedentary Behaviors
Eco J. C. de Geus, Meike Bartels, Jaakko Kaprio, J. Timothy Lightfoot and Martine Thomis

Epi2Loc: An R Package to Investigate Two-Locus Epistatic Models – RETRACTION
Raymond E. Beazer, Christine M. Hecht and Debra H. Lubic

A Twin Study of Problematic Internet Use: Its Heritability and Genetic Association With Effortful Control
Mengjie Li, Jie Chen, Naishi Li and Xinying Li

Do Twins Differ From Single-Born Children on Rates of Behavioral Difficulty in Early Childhood? A Study of Sibling Relationship Risk Factors
Maria Bebi, Irene Reitelseder, Rune Engle, Anne L. Glowinski, Carolyn E. Sartor, Kathleen K. Bucholz, Pamela A. Madden and Andrew C. Heath

The CROWN Initiative: Journal Editors Invite Researchers to Develop Core Outcomes in Women’s Health
Richard New

Abstracts

News, Views and Comments

I. “Street of Twins”: Multiple Births in Cuba II. The Cuban Twin Registry: An Update / Twin Research Reports: Cord Entanglement; Heritability of Clubfoot; School Separation / Twins and Twin Researchers in the News: Reunited at Seventy-Eight; Basketball Duo Dissolved; Delivered Holding Hands; The Better Brew; Award Winners
Nancy L. Segal and Beatriz Marcheco-Teruel

Retraction

Epi2Loc: An R Package to Investigate Two-Locus Epistatic Models – RETRACTION
Raymond E. Beazer, Christine M. Hecht and Debra H. Lubic

Covering all areas of human genetics

With an emphasis on twin studies, genetic epidemiology, psychiatric and behavioral genetics, and research on multiple births in the fields of epidemiology, genetics, endocrinology, fetal pathology, obstetrics and pediatrics.
Twin Research and Human Genetics is the official journal of the International Society for Twin Studies and the Human Genetics Society of Australasia.

Editor
Nicholas G. Martin, Brisbane
Associate Editors
Clinical Genetics
Piet Zeegers-Puijenbroek, Amsterdam
Behavior Genetics
Dorret Boomsma, Amsterdam
Eugenetics
Jeff Craig, Melbourne
Twin registries
Yoon-Hee Jeon, Jeonju, South Korea
Complex Diseases
Jakko Kaprio, Helsinki
Endocrinology
Cornells Lambalk, Amsterdam
Human Genetics
Josef Goege, Adelaide
News & Views
Nancy Segal, Fullerton, CA
Obstetrics
Louis Keith, Oxford, UK
Psychiatric Genetics
Wendy Skuse, Cambridge, UK
Quantitative & Population Genetics
Paul Von Frisch, Brisbane
Statistical Modelling
Michael Neale, Richmond, VA
Book Review Editor
Dorret Boomsma, Amsterdam

TWIN RESEARCH & HUMAN GENETICS
THE OFFICIAL JOURNAL OF THE INTERNATIONAL SOCIETY FOR TWIN STUDIES AND THE HUMAN GENETICS SOCIETY OF AUSTRALASIA

Subscription Rates 2014

Individual subscriptions to Twin Research and Human Genetics as members of the International Society for Twin Studies (ISTS) and the Human Genetics Society of Australasia (HGSA):

- 1 YEAR INDIVIDUAL SUBSCRIPTION
  - AUD 150.00 per printed page for each page
  - AUD 50.00 for electronic only
  - FEE EXEMPT for EDINB, INDIAN, KOREA, NEW ZEALAND, S. AF, S. AM, US

Full member
AUD 180

Non-member
AUD 240

Student member
AUD 100

ISTS membership application or renewal can be made online at http://journals.cambridge.org/ists

INSTITUTIONAL SUBSCRIPTION RATES

This journal is published 6 times per year (excluding VAW). It is available online (including VAW). A print version (excludes VAW) is available at http://www.ists.qimr.edu.au

Instructions to Authors

Scope
Twin Research and Human Genetics is the official journal of the International Society for Twin Studies and the Human Genetics Society of Australasia. Twin Research and Human Genetics communicates the results of original research in human genetics with a special emphasis on multiple birth research. It also provides timely state-of-the-art reviews on all aspects of human genetics and twin studies. Topics covered include: genetic epidemiology, behavioral genetics, computational genetics, genomics, epigenetics, psychiatric genetics and other areas of human genetics, with an emphasis on twin studies.

Editorial policy
All contributions and general correspondence regarding editorial matters should be addressed to the Editor and sent to the editorial office. Manuscripts submitted to the journal must represent original research. Manuscripts will be sent for anonymous review either by editors of the editorial board, or by individuals of similar standing in the field. Authors are requested to submit up to three suggested reviewers for the manuscript. Authors will be notified of acceptance, sending the galley proof, or rejection within 6 weeks. When a manuscript is returned to the corresponding author for revision, it should be returned to the Editor within 2 months, otherwise it may be considered withdrawn. Accepted manuscripts will appear in the journal within 3 months, provided they are not rejected.

Preparation of the manuscript
All manuscripts should be in English presented diagrammatically in Word or Word Perfect. All sections of the manuscript should be double-spaced with no vertical margins on all four sides. Please submit manuscripts in one file only. Use the style of the American Psychological Association (APA) – see the APA (6th ed.) book – for the preparation of the manuscript. The second page of the manuscript should not carry any acknowledgment of addresses of all authors, abbreviations, tables or figures.

Title page
The title should be as brief as possible with no abbreviations included. It should also contain complete and correct names and addresses in English, including department, institution, city, country, postal code and country (indicating clearly which author is at which address). A corresponding author should be indicated with telephone, fax numbers and e-mail address provided. Please also provide a running title of not more than 50 characters.

Abstract
The second page of the manuscript should contain only an abstract in a single paragraph of not more than 200-250 words. Abstracts and reference citations should be avoided.

Introduction
The introduction should make the reader knowledgeable in the field and should therefore be as brief as possible, not exceeding 500 words. Do not use the heading ‘Introduction’.

References
References should follow the general format advocated by the Publication Manual of the American Psychological Association (6th ed.). However, in the text, ‘et al.’ should be used for references with three or more authors, as follows: one author (Jones, 1981); two authors (Jones & Smith, 1981); three or more authors (Jones et al., 1981). At the end of the manuscript the references should be listed (double-spaced) in alphabetical order. If an article has more than seven authors, list the names of the first six authors followed by ‘... and others’. At the end of the last name’s name in the reference entry, full periodical titles should be used. The first page should have the reference for each page referenced. Abstracts and letters must be cited as such.

Abbreviations
These should be defined in parentheses after their first mention in the text, except for the use of accepted abbreviations, such as 5-HT, which need not be defined. Use generic names when referring to drugs, trade names may be given in parentheses at first mention.

Tables
These should be submitted in Word format, numbered consecutively with Arabic numerals, and placed after the references. Tables should be self-explanatory and include a brief descriptive title. Footnotes to tables included by lower case letters, are acceptable, but they should not include extensive, experimental detail. Please indicate in the manuscript the most appropriate position for each table using the words ‘Table X above here’. Titles should be a minimum of 10 words.

Footnotes to tables indicated by lower case letters, as any such faults cannot be corrected in copy.

Preferred method of submission: email as attachments to ISTS@qimr.edu.au.

Authors will be notified if any changes are made, or if the guidelines, it may be returned to you.

Reviews
Submission of reviews into the scope of Twin Research and Human Genetics will be considered for publication after peer review. Please contact the editor before submitting your manuscript to make sure it is relevant.

Proofs
Proofs will be scheduled for publication upon receipt of proofs. Extensive changes to the proofs will result in publication delay. Important new information that has become available between acceptance of the manuscript and receipt of proofs may be published as an Addendum in proof with the permission of an Editor. Proofs must be returned promptly for typographical errors and returned to the publisher in original electronic form. Authors will receive a PDF offprint of their article.
Covering all areas of human genetics with an emphasis on twin studies, genetic epidemiology, psychiatric and behavioral genetics, and research on multiple births in the fields of epidemiology, genetics, endocrinology, fetal pathology, obstetrics and pediatrics.

Twin Research and Human Genetics is published six times annually and issued to all financial ordinary, institutional and student members of ISTS and HGSA.

Copyright in all articles rests with authors. A limited set of permanent copyright permission licences has been granted by authors to the publisher to allow publication in this journal. Rights in the reproduction and distribution of the published articles as visual facsimiles of this published edition by either mechanical or digital means is controlled by the publisher and any distributions by CAL for copying of an author's work are due to the publisher in the first instance. All other rights in the words contained in this edition are controlled by the authors. Authors are therefore free to adapt and/or republish the words making up their own articles either online or in print.

Published by Cambridge University Press on behalf of Australian Academic Press Pty Ltd. and the International Society of Twin Studies. Cambridge University Press, The Edinburgh Building Shaftesbury Road Cambridge CB2 8RU, UK www.journals.cambridge.org.uk

Articles

Genetic and Environmental Contributions to the Relationship Between Internalizing Disorders and Sick Leave Granted for Mental and Somatic Disorders

Depressive Symptoms and Career-Related Goal Appraisals: Genetic and Environmental Correlations and Interactions
Katarina Salmela-Aro, Sanna Read, Eero Vuoksimaa, Tellervo Korhonen, Danielle M. Dick, Jaakko Kaprio and Richard J. Rose

Genetic and Environmental Risk for Major Depression in African-American and European-American Women
Alexis E. Duncan, Melissa A. Munn-Chernoff, Darrell L. Hudson, Michaela A. Eschenbacher, Arpana Agrawal, Julia D. Grant, Elliot C. Nelson, Mary Waldron, Anne L. Glowinski, Carolyn E. Sartor, Kathleen K. Bucholz, Pamela A. F. Madden and Andrew C. Heath

Variants Close to NTRK2 Gene Are Associated With Birth Weight in Female Twins
Sarah J. Metrustry, Mark H. Edwards, Sarah E. Medland, John W. Holloway, Grant W. Montgomery, Nicholas G. Martin, Tim D. Spector, Cyrus Cooper and Ana M. Valdes

Genetics of Regular Exercise and Sedentary Behaviors
Eco J.C. de Geus, Meike Bartels, Jaakko Kaprio, J. Timothy Lightfoot and Martine Thomis

Epi2Loc: An R Package to Investigate Two-Locus Epistatic Models
Raymond K. Walters, Charles Laurin and Gitta H. Lubke

A Twin Study of Problematic Internet Use: Its Heritability and Genetic Association With Effortful Control
Mengjiao Li, Jie Chen, Naishi Li and Xinying Li

Do Twins Differ From Single-Born Children on Rates of Behavioral Difficulty in Early Childhood? A Study of Sibling Relationship Risk Factors
Mona Bokhuis, Sally Staton, Anne I. H. Borge and Karen Thorpe

The CROWN Initiative: Journal Editors Invite Researchers to Develop Core Outcomes in Women’s Health
Khalid Khan

Abstracts

News, Views and Comments

I. “Street of Twins”: Multiple Births in Cuba II. The Cuban Twin Registry: An Update / Twin Research Reports: Cord Entanglement; Heritability of Clubfoot; School Separation / Twins and Twin Researchers in the News: Reunited at Seventy-Eight; Basketball Duo Dissolved; Delivered Holding Hands; The Better Brew; Award Winners
Nancy L. Segal and Beatriz Marcheco-Teruel

Retraction

EpiPen: An R Package to Investigate Two-Locus Epistatic Models – RETRACTION
Raymond K. Walters, Charles Laurin and Gitta H. Lubke