

The background of the entire advertisement is a dark, monochromatic image of several jellyfish. The jellyfish are shown in various orientations and positions, creating a sense of depth and movement. The lighting highlights the intricate details of their bell-shaped bodies and trailing tentacles.

# Life Sciences

Books and Journals from  
Cambridge University Press

Cambridge is one of the leading publishers in ecology and conservation biology and publishes high quality texts and research across the breadth of the life sciences, focusing particularly on animal behaviour, biological anthropology, evolutionary biology, computational and systems biology, as well as statistics and professional development titles for biologists.

We also have an extensive portfolio of established journals in agriculture, ecology and conservation, and animal science.

For further details visit:

[cambridge.org/core-life-sciences](https://www.cambridge.org/core-life-sciences)

Cambridge  
Core



CAMBRIDGE  
UNIVERSITY PRESS

# Medicine

Books and Journals from  
Cambridge University Press

The Cambridge Medicine programme focuses its book publishing in a defined set of core clinical areas with our great strength in the clinical brain sciences. Other specialties of significant focus include reproductive medicine/obstetrics and gynaecology, anaesthesia and critical care, emergency medicine and pathology.

Our journals programme covers a broad spectrum of medical disciplines including emergency and disaster medicine, epidemiology and infectious diseases, biomedical science, genetics, nutrition, mental health and psychiatry, and neuroscience.

We partner with many learned societies including The Society for Healthcare Epidemiology of America, and the Neuroscience Education Institute, and the Royal College of Obstetricians and Gynaecologists.

For further details visit:

[cambridge.org/core-medicine](https://www.cambridge.org/core-medicine)

Cambridge  
Core



CAMBRIDGE  
UNIVERSITY PRESS



## 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, complex diseases, endocrinology, fetal pathology, medical genetics, obstetrics, pediatrics, 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 reports of original research. Manuscripts will be sent for anonymous review either by members 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, rejection or the need for revision within 6 weeks. When a manuscript is returned to the corresponding author for revision, it should be returned to the Editors within 2 months, otherwise it may be considered withdrawn. Accepted manuscripts will appear in the journal within 3 months, whenever possible.

### Preparation of the manuscripts

All manuscripts should be in English presented electronically in Word or Word Perfect. All sections of the manuscript should be double-spaced with one-inch margins on all four sides.\* Please subdivide manuscripts into the following sequence of sections: Title page, Abstract, Introduction, Materials and methods, Results, Discussion, Acknowledgement, References, Tables, Figure legends. Number each page (title page is 1). Please indicate the position of each figure and table in the text using the words 'Figure X about here'.

\*Manuscripts will be charged publication charges of:

- ISTS members (first or last author) — AUD100.00 per printed page for each page
- Non-ISTS members (first/last author) — AUD150.00 per printed page for each page

In general, the formatting requirements are those recommended by the American Psychological Association (APA), especially for references:

American Psychological Association. (2001). *Publication manual of the American Psychological Association* (5th ed.). Washington, DC: Author.

### Title page/keywords

The title should be as brief as possible with no abbreviations. Include each author's initials and surname and complete addresses in English, including department, institution, city with 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. Abbreviations and reference citations should be avoided.

### Introduction

The introduction should assume that the reader is knowledgeable in the field and should therefore be a brief as possible, not exceeding 1500 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 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 then the last author's name in the reference entry. Full periodical titles should be used and first and last page numbers for each reference should be provided. Abstracts and letters must be identified 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 SI symbols, 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 indicated 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 about here".

### Illustrations, figures, photographs and mathematics:

#### Electronic submission of artwork

1. Photographs, graphs and figures should be prepared to the correct size (max. width 80 mm

single column or up to 160 mm double column) and each one supplied as an individual file, separate to the manuscript Word file. Include placement instructions in the Word document, such as 'Insert Fig 1 about here'. Figures can be supplied and printed in either black and white or full colour – please note that colour printing incurs an additional charge of \$300 per page.

– Figures created in Microsoft Word, Excel or Powerpoint need to be saved as PDFs.

– Figures created in a drawing program such as Adobe Illustrator, CorelDRAW, Freehand, Microsoft Publisher or similar should be saved as an EPS (encapsulated postscript) files or as PDFs.

– Figures created in Photoshop or with other photographic software should be saved with a minimum resolution of 600 dpi and in TIF format. Minimum resolution for scanned graphics is 300 dpi for halftone work (e.g., photographs) and 600 dpi for line art, and these should also be in TIF format.

2. Manuscripts that contain equations created with LaTeX or similar specialist software need to be supplied as a PDF file as well as a Microsoft Word document.
3. Prior to sending artwork, the separate files of figures, graphs, illustrations and so on should be printed by the author to test that the fonts have been embedded correctly and there is no distortion in the artwork (e.g., lines and fonts reproduce cleanly with no jagged lines or fuzzy edges), as any such faults cannot be corrected by the publisher.
4. Preferred method of submission: email as attachments to [ISTS@qimr.edu.au](mailto:ISTS@qimr.edu.au).

If your artwork does not meet these guidelines, it may be returned to you.

### Reviews

Scholarly reviews of topics within the scope of *Twin Research and Human Genetics* will be considered for publication after paper review. Please send a one-page letter of inquiry to the editor before preparing your manuscript to make sure that a similar review is not in press.

### Proofs

Manuscripts 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 the proofs may be inserted as an Addendum in proof with the permission of an Editor. Proofs must be checked immediately for typographical errors and returned to the publisher along with the copyright assignment form. Authors will receive a PDF offprint of their article.

# contents

## Articles

- Facilitating Versus Inhibiting the Transmission of Drug Abuse from High-Risk Parents to Their Children: A Swedish National Study **1**  
*Kenneth S. Kendler, Henrik Ohlsson, Jan Sundquist and Kristina Sundquist*
- The Value of Twins for Health and Medical Research: A Third of a Century of Progress **8**  
*Jeffrey M. Craig, Lucas Calais-Ferreira, Mark P. Umstad and Dedra Buchwald*
- A Life Course Study of Genetic and Environmental Influences on Work Incapacity **16**  
*Karoline B. Seglem, Fartein A. Torvik, Espen Røysamb, Line C. Gjerde, Per Magnus, Ted Reichborn-Kjennerud, Pia Svedberg and Ragnhild Ørstavik*
- The Association of Dyslexia and Developmental Speech and Language Disorder Candidate Genes with Reading and Language Abilities in Adults **23**  
*Catherine Doust, Scott D. Gordon, Natalie Garden, Simon E. Fisher, Nicholas G. Martin, Timothy C. Bates and Michelle Luciano*
- Long-Term Stability of Cortisol Production and Metabolism Throughout Adolescence: Longitudinal Twin Study **33**  
*Britt J. van Keulen, Conor V. Dolan, Ruth Andrew, Brian R. Walker, Hilleke E. Hulshoff Pol, Dorret I. Boomsma, Joost Rotteveel and Martijn J. J. Finken*
- Heritability of Curve Patterns in Oral Glucose Tolerance Test **39**  
*Christine Dalgård, Soren Möller and Kirsten O. Kyvik*
- Collective Optimism and Selection Against Male Twins in Utero **45**  
*Ralph A. Catalano, Sidra Goldman-Mellor, Deborah A. Karasek, Alison Gemmill, Joan A. Casey, Holly Elser, Tim A. Bruckner and Terry Hartig*
- The Incidence of Dichorionic Diamniotic Twin Pregnancy After Single Blastocyst Embryo Transfer and Zygosity: 8 Years of Single-Center Experience **51**  
*Hiroko Konno, Takeshi Murakoshi, Kiyonori Miura and Hideaki Masuzaki*
- The Relationship between Birth Weight Discordance and Adverse Infant Mortality among Monozygotic and Dizygotic Twins in Japan, 1995–2008 **55**  
*Yoko Imaizumi*

## News, Views and Comments

- Twin Data: The Lives That Drive the Findings/ Twin Research Reviews: Twin Concordance for Kleine–Levin Syndrome; Twin Study of Political Discussion; Twin Relationship Quality and Urinary Cortisol Level; Twin Research Guide/In the News: Twins' Same Day Deliveries; Death of a Twin Holocaust Survivor; Identical Vindman Twins; Twin Festival in France; Tiniest Twins **61**  
*Nancy L. Segal*

## Corrigendum

- Isfahan Twins Registry (ITR): An Invaluable Platform for Epidemiological and Epigenetic Studies: Design and Methodology of ITR – Corrigendum **66**  
*Mojgan Gharipour, Shaghayegh Haghjooy Javanmard, Marjan Mansourian, Mohammadreza Sabri, Elham Khosravi, Minoos Dianatkah, Ladan Sadeghian, Zahra Jabarzare and Nizal Sarrafzadegan*

ISSN 1832–4274

### Cambridge Core

For further information about this journal please go to the journal website at:

[cambridge.org/thg](http://cambridge.org/thg)

**CAMBRIDGE**  
UNIVERSITY PRESS