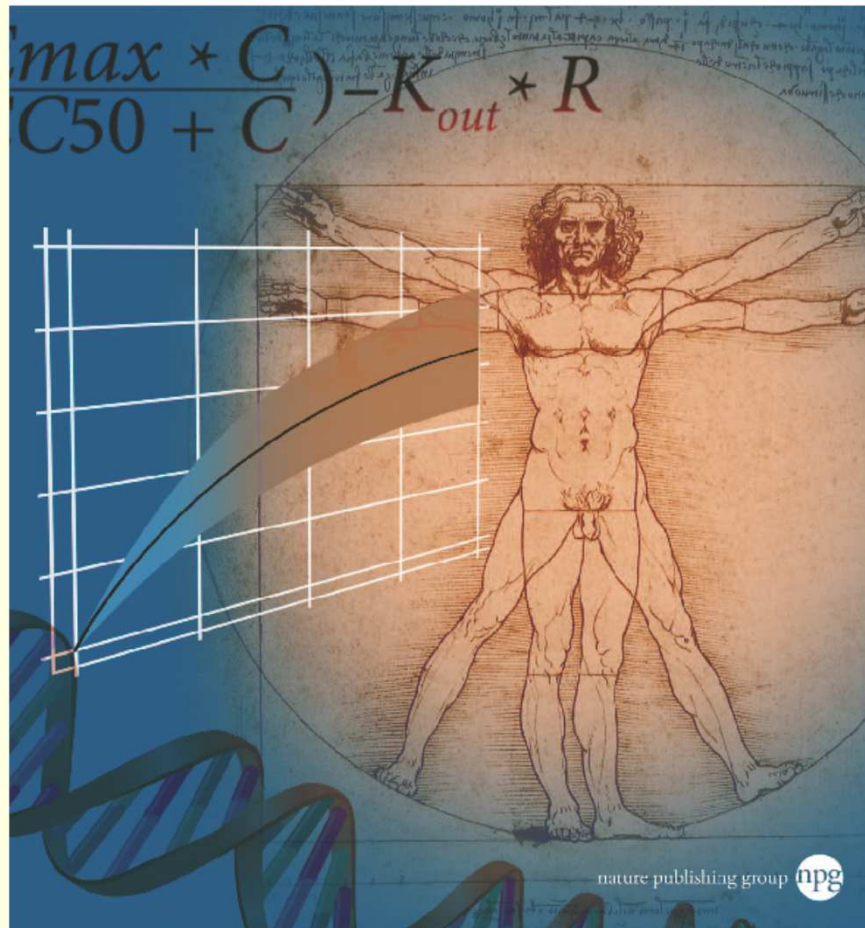


An Official Journal of ASCPT and ASoP

CPT: Pharmacometrics & Systems Pharmacology



***France Mentré
Lena Friberg
Piet van der Graaf***

PAGE, Venice June 6th 2012



CPT: Pharmacometrics & Systems Pharmacology (CPT:PSP)

- Cross-disciplinary journal devoted to publishing advances in quantitative methods (M&S) as applied in pharmacology, physiology and therapeutics in humans
- Published by Nature Publishing Group
- Official publication of the American Society for Clinical Pharmacology and Therapeutics (ASCPT) and of the American Society for Pharmacometrics (ASoP)
- Scope: provides an international forum for Pharmacometrics & Systems Pharmacology and their impact in human therapeutic research and drug development



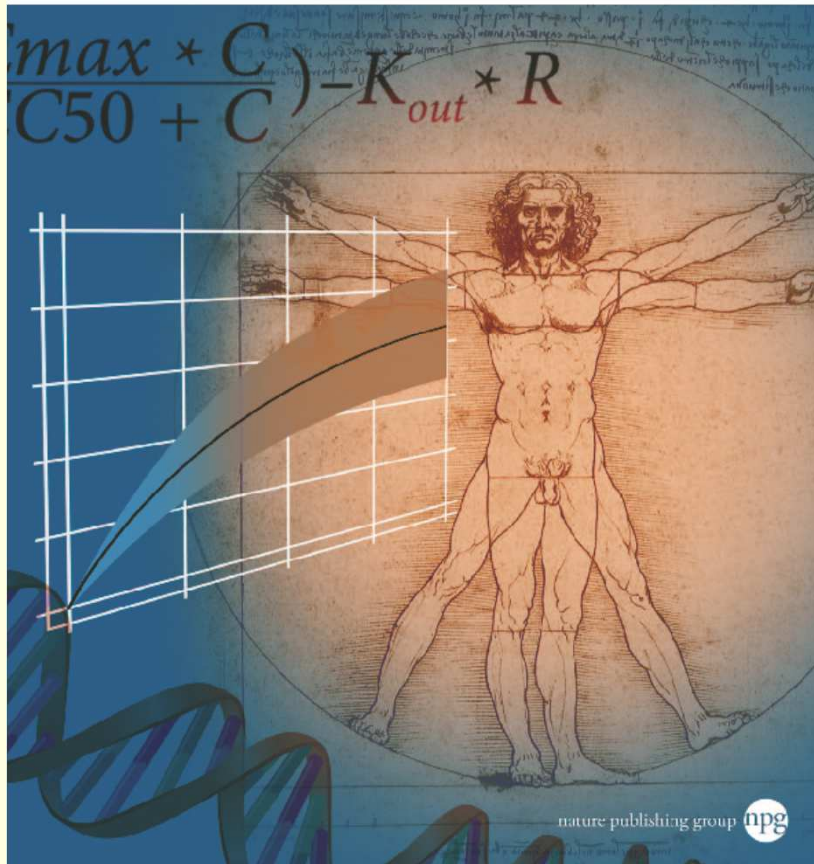
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- **Online only**
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 - More flexibility and fewer restrictions on figures, colour etc
 - Seamless integration with supplementary material
 - Full use of online technology and communication
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 - Maximise visibility and impact of research, authors and the discipline
- **Supported by world-class scientific publisher**
- **Build on well-established and highly-effective CPT infrastructure and process**

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An Official Journal of ASCPT and ASoP

CPT: Pharmacometrics & Systems Pharmacology



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CPT: PSP - Content

1. Article (4000 words)

- *Substantial novel research*

2. Review (4000 – 8000 words)

- *High-quality, timely reviews covering important topics in the entire field of pharmacometrics and systems pharmacology*

3. Tutorial (4000 – 8000 words)

- *Educational article providing practical tutorial on tools, methodologies and approaches in pharmacometrics and systems pharmacology*

4. Perspective (1600 words)

- *Shorter pieces designed to give the author's perspective on current and emerging topics of importance to the development of the disciplines of pharmacometrics and systems pharmacology*



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CPT: PSP

CPT: Pharmacometrics & Systems Pharmacology

ABOUT THE JOURNAL
SCOPE
CPT: Pharmacometrics & Systems Pharmacology is a cross-disciplinary journal devoted to publishing advances in quantitative (e.g. modeling and simulation) methods as applied in pharmacology, physiology and therapeutics in humans. The journal welcomes original research articles in the following areas: pharmacometrics, modeling and simulation as applied to the design and evaluation of clinical trials, systems pharmacology modeling, particularly with a mechanistic link to human physiology, disease modeling, "population" or mixed-effects pharmacokinetics and pharmacodynamics modeling, model-based meta-analyses of clinical trials, pharmacokinetic-pharmacodynamic modeling, computational pharmacology, comparative efficacy, effectiveness and cost-effectiveness. Systems pharmacology may involve the application of systems biology approaches to study drug activities, targets and effects. The discipline is often defined with reference to engineering and pharmacological principles as the quantitative analysis of the dynamic interactions between drugs and a biologic system that aims to understand the behavior of the system as a whole. The common focus will be on quantitative methods that improve our understanding of pharmacology and therapeutics in humans. *CPT:PSP* will not consider case reports or animal studies.

CPT:PSP is an official journal of the American Society for Clinical Pharmacology and Therapeutics (ASCP) and the American Society of Pharmacometrics (ASoP).

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PREPARATION OF MANUSCRIPTS
CONTENT TYPES
 Author Submissions (1) Article, (2) Review, (3) Tutorial, (4) Perspective
 Submissions that do not adhere to the guidelines provided in this document will be returned to the author prior to consideration. Material that cannot fit within the allowed limit may be submitted as supplementary information.

(1) Article
 Word Limit: 4,000 words excluding abstract, references, tables, and figures
 Abstract: 150 words maximum
 References: 30 maximum
 Figures/Tables: 7 maximum

GUIDE TO AUTHORS

Title Page
 Abstract
 Introduction
 Results
 Discussion
 Methods (must contain IRB or IACUC approval: see Informed Consent and Ethics below)
 Study Highlights
 Acknowledgements
 Conflict of Interest/Disclosure
 Author Contributions
 References
 Figure Legends
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- Online submissions opened 21st May
<http://mts-psp.nature.com>
- First issue expected to publish this Autumn
- Any ideas/suggestions/comments
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CPT: PSP - Summary

- **CPT:PSP** provides a unique new opportunity to
 - publish **highest-quality research**
 - **advance the disciplines** of Pharmacometrics, Systems Pharmacology and other quantitative approaches as applied in therapeutics research and development in humans
- **State-of-the-art** online and open-access journal will maximise access, visibility and impact
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