

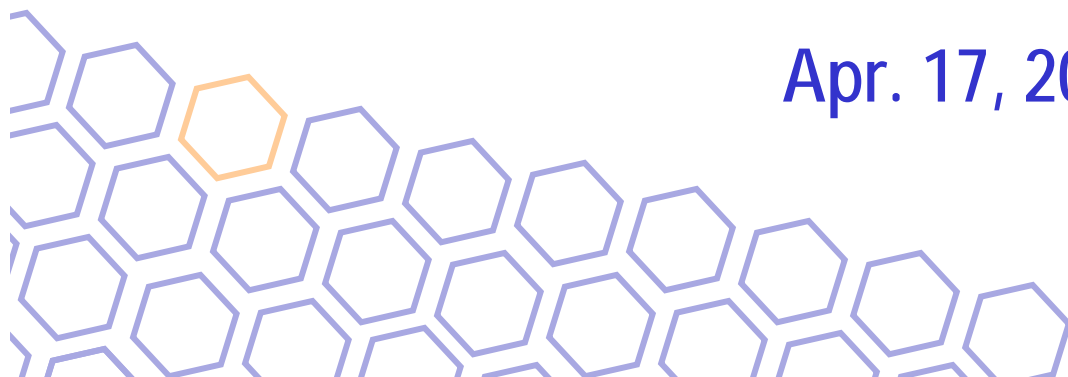


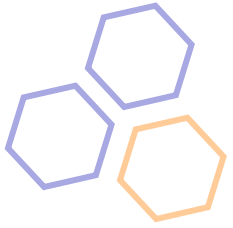
How to Review a Paper

Prof. Dr. Guowang Xu

Elsevier Author Workshop

Apr. 17, 2009

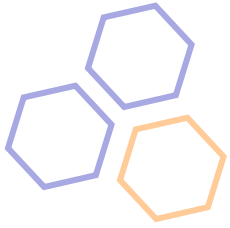




Opening Question

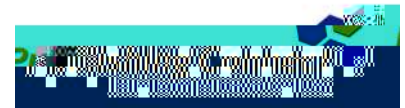
- Why is peer review a part of the scholarly publishing process?

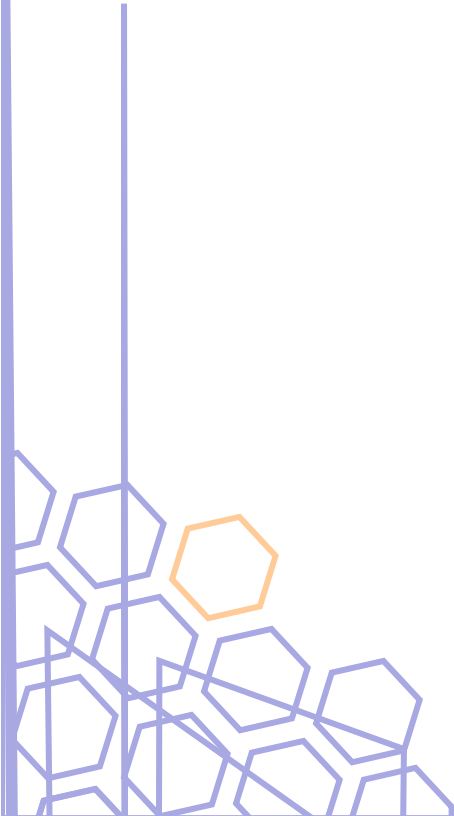




Objectives

- What is the history of peer review and what role does it serve?
- Why should I consider being a reviewer?
- How do I carry out a proper and thorough review?

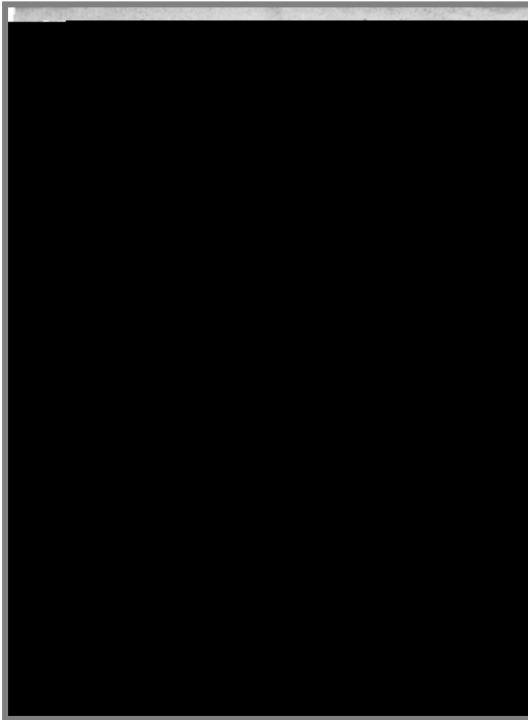


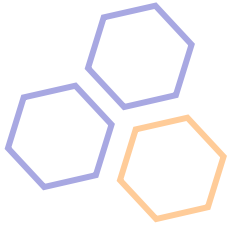




Background on Peer Review

- Cornerstone of the whole scholarly publication system
- Maintains integrity in the advancement of science
- Well-established process over 300 years old

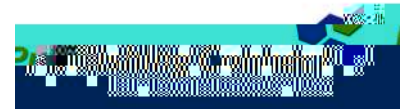
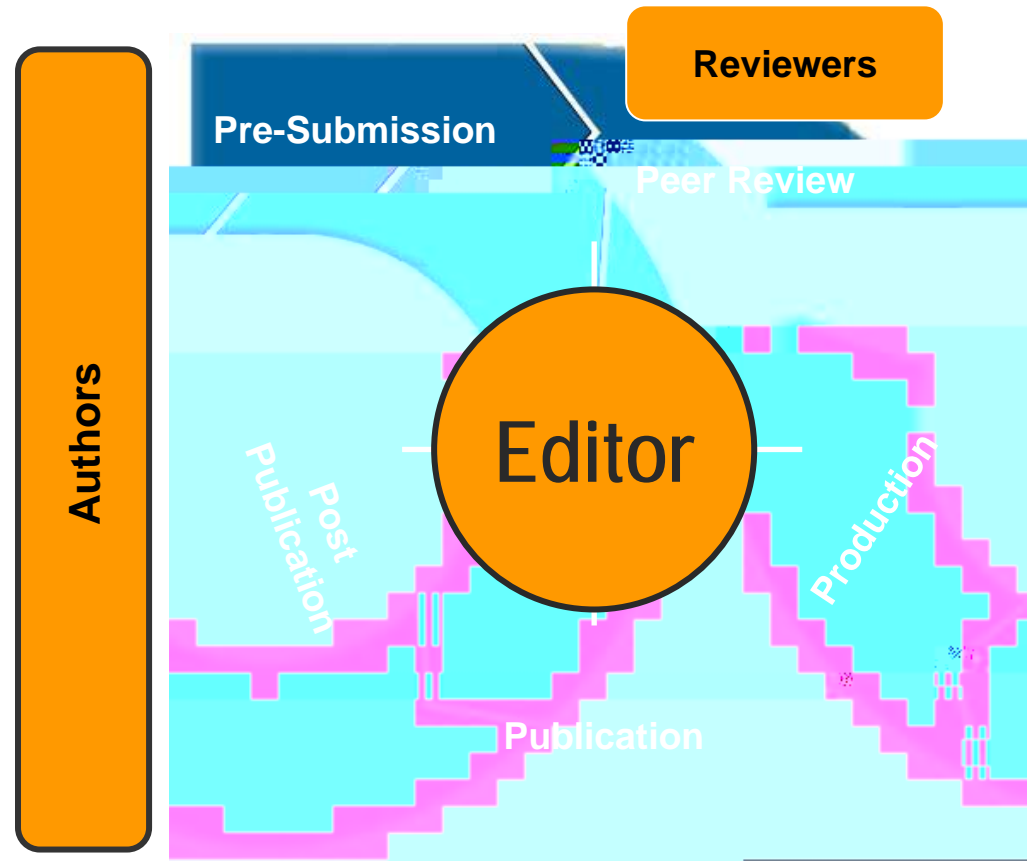




What is Peer Review?

Peer Review has two key functions:

- Acts as a filter by ensuring only good research is published. Helps to determine validity, significance and originality
- Improves the quality of the research submitted for publication by giving reviewers the opportunity to suggest improvements





Different Types of Peer Review

1. "Single blind" peer review
2. "Double blind" peer review
3. Open peer review

POST-PUBLICATION

Available online at www.sciencedirect.com

ScienceDirect

ELSEVIER

Carbon 45 (2007) 1499–1499

CARBON

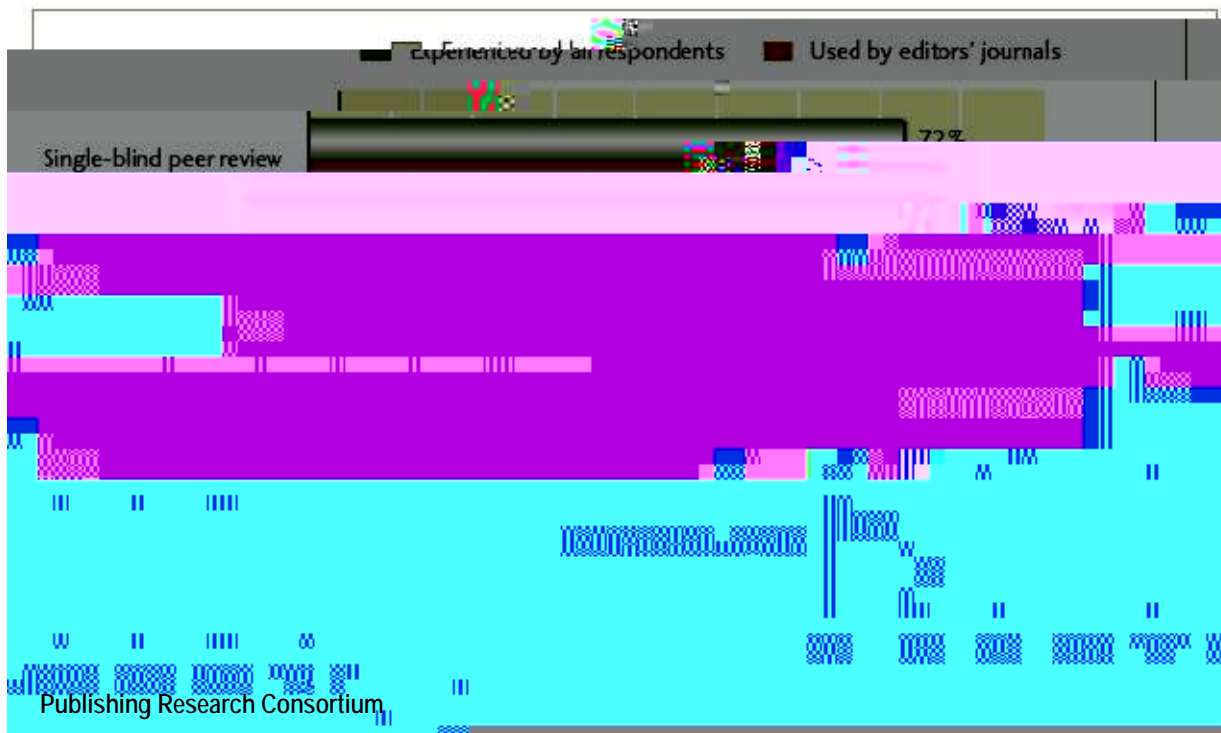
www.elsevier.com/locate/carbon

Structure and electrochemical properties of resorcinol-formaldehyde polymer-based carbon for electric double-layer capacitors

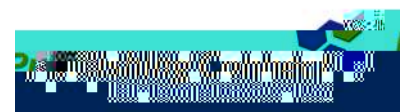
NOT DISCLOSED

carbonization of a novel synthetic resorcinol-formaldehyde (RF) polymer without any additional materials for supercapacitor applications (EDLCs). This novel RF polymer with large carbonization yield (~85%), and excellent specific capacitance (ca. 200 F/g, resorcinol to curing agent) on the specific surface area, pore size distribution, nanostructure, respectively. The results showed that a higher R/CA ratio yielded carbon with higher specific surface area and pore size distributions. The highest specific surface area of 215 m²/g and specific surface area occur at R/CA ratio of 50. The electrochemical behaviors were characterized by means of cyclic voltammetry and impedance spectroscopy. The correlation between electrochemical properties, the excellent capacitance properties, low cost and simple process, this RF polymer-derived EDLCs applications.

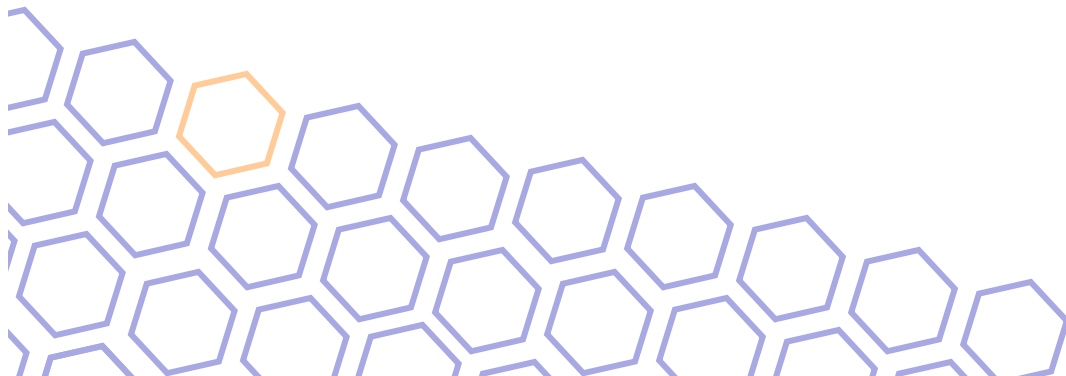
such as high specific surface area and large pore volume (5.6). Almost any carbonaceous material can be converted

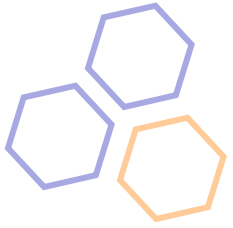


the reviewer is... "



Who conducts reviews and why do they do it?





Who Conducts Reviews?

- Scientific experts in specific fields and topics
- Young, old, and mid-career
- Average number of completed reviews is 8 per year

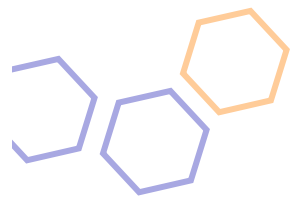




Why Do Reviewers Review?

- Fulfill an academic 'duty'
- Keep up-to-date with latest developments
- Helps with their own research
- Build associations with prestigious journals and editors
- Remain aware of new research
- Develop one's career







Conducting the Review Comments to Editor:

subject suitable for publication in the Journal of Pharmaceutical and Biomedical Analysis? 1. Is the
YES_ X NC

Is the proposed method/procedure adequately validated? 4. Is the
YES_ X NC

Does the manuscript give all the relevant as well as up-to-date references to related work? 5. Does
YES_ X NC

Have the authors addressed the question of how their proposed methodology compares with previously reported methods? 6. Have the
YES_ X NC

7. Is the method supported by a demonstration of its application to real samples? (For bioanalytical methods human-
derived real samples, not simply spiked, should be used)
YES_ X NO__

8. Is the English satisfactory?
YES__ NO__

PLEASE ADD ANY FURTHER COMMENTS TO THE 'BLIND COMMENTS TO AUTHOR' SECTION

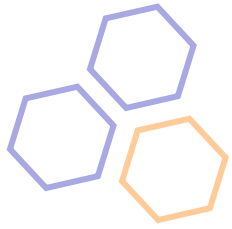




Comments to Author:

In this paper, in order to control the quality, standard fingerprint of *P. cablin* collected from different regions was developed by using GC-MS. Nine compounds including β -patchoulene, caryophyllene, α -guaiene, seychellene, β -guaiene, δ -guaiene, spathulenol, patchouli alcohol and pogostone were identified among ten main peaks in *P.*

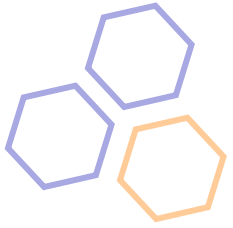




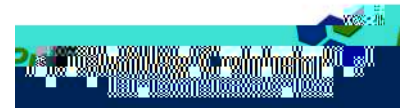
Conducting the Review - Originality

- Sufficiently novel and interesting to warrant publication?
- Adds to the canon of knowledge?
- Answers an important research question?
- Satisfies the journal's standards?
- Falls in the top 25% of papers in this field?
- A literature scan of review articles can help the reviewer determine originality





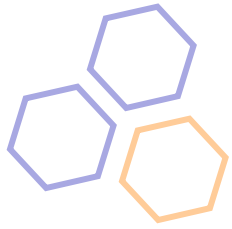
- Relevant and important
- **99.75%** Consistency





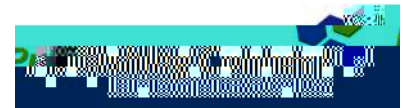
Conducting the Review – Ethical Issues

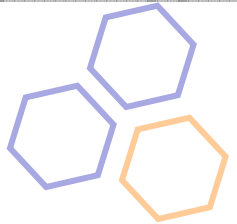




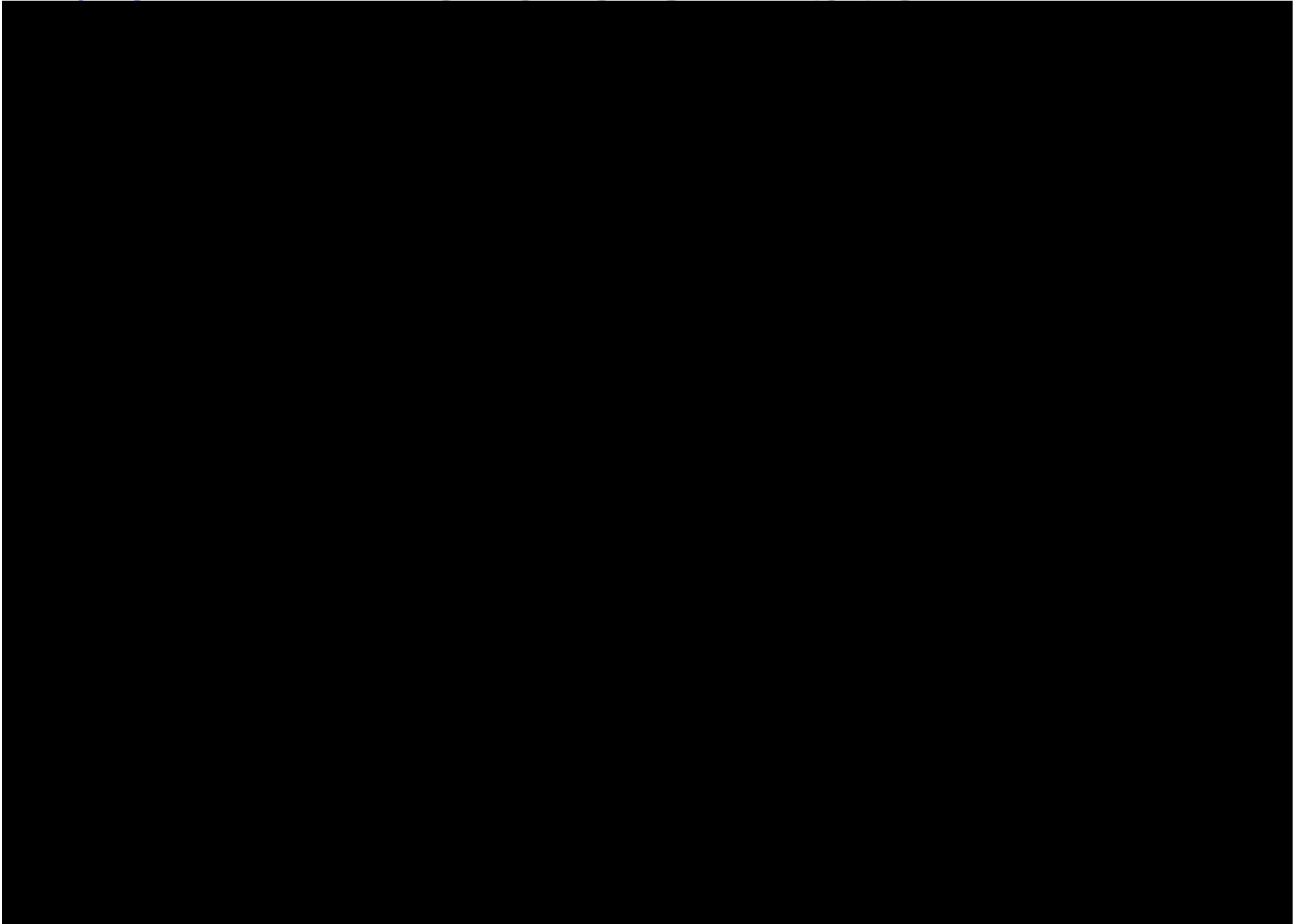
Sending Your Report to the Editor

- Anticipate the deadline
- Summarize the article at the top of your report
- The report should be comprehensive
- Explain and support your judgments
- Make a distinction between your own opinions and your comments based on data
- Be courteous and constructive





Reviewer's Invitation



链接

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Close

JCB-08-1181

“Normalization Strate

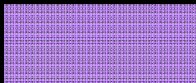
Reviews and Comments

for Metabolic Analysis of Urine Samples”

Revision 1

Click the recommendation term to view the comments for the submission.

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Date: 08 Dec 2008
To: "Bethanne M. Warrack" bethanne.warrack@bms.com
From: "Journal of Chromatography B" chromat@elsevier.com
Subject: Manuscript JCB-08-1181

Editor decision -1

Ref.: JCB-08-1181
Title: Normalization Strategies for Metabonomic Analysis of Urine Samples

Corresponding Author: Ms. Bethanne M. Warrack

Dear Ms. Warrack,

On behalf of the editor handling your manuscript,

Professor Giovanni M. Garrattini to you is ref. www.elsevier.com/locate/jchromb

I am pleased to inform you that the paper has been favorably received, and that publication after minor

if you would revise the paper

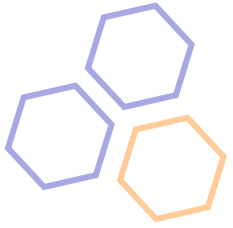
within 30 days

revision is recommended (please see the comments below). I should be in accordance with the usual recommendations regarding the revision of

Please submit your revision online by logging onto the Elsevier Editorial System for Journal of

Chromatography B

<http://ees.elsevier.com/chromb/>



Final Article

Contents lists available at [ScienceDirect](#)



Summary

- What is the history of peer review and what role does it serve?
 - Peer review is the cornerstone of the scholarly publication process
 - Filters out good research and improves it
- Why should I consider being a reviewer?
 - Reviewing can be a career building activity that also keeps one in touch with the latest research in the field
- How do I carry out a proper and thorough review?
 - Analyze the article for its originality, structure, and ethical sufficiency
 - Provide detailed, constructive comments and communicate clearly with the Editor

