2015 Media Information

As the world’s second-largest STM publisher, Springer serves the marketing and educational programs of many corporations. We publish more than 2,700 scientific journals every year. Through advertising, article reprints, bulk sales, and custom projects, we can help you to make an impact on your audience.

Advertising Sales
233 Spring St., 7th Floor
New York, NY 10013
Tel: (212) 460-1642
Fax: (212) 620-8442
E-mail: advertising@springer.com
Pharmaceutical Research, an official journal of the American Association of Pharmaceutical Scientists, presents papers which describe innovative research spanning the entire spectrum of drug discovery, development, evaluation and regulatory approval. Small drug molecules, biotechnology products including genes, peptides, proteins and vaccines, and genetically engineered cells are an integral part of papers published here. Current emphasis of the journal includes the following areas: preformulation; drug delivery and targeting; formulation design, engineering, and processing; pharmacokinetics, pharmacodynamics, and pharmacogenomics; molecular biopharmaceutics and drug disposition; and computational biopharmaceutics, among others.

- Presents research spanning the entire spectrum of drug discovery, development, evaluation, and regulatory approval
- Covers pharmacodynamics, and pharmacogenomics; molecular biopharmaceutics and drug disposition; and computational biopharmaceutics and more
- An official journal of the American Association of Pharmaceutical Scientists

Readership: Pharmaceutical scientists primarily involved in R&D but also in academics, regulatory affairs and corporate management.

Frequency: Monthly
2013 Impact factor: 3.952
Circulation: 12,000
Editors:

- Paul M. Bummer, University of Kentucky, Lexington, Kentucky, USA
- Margareta Hammarslund-Udenaes, Uppsala University, Uppsala, Sweden
- Wim Jiskoot, Leiden University, Netherlands
- Uday Koppella, University of Colorado, Denver, Colorado, USA
- Tamara Minko, State University of New Jersey-Rutgers, Piscataway, New Jersey, USA
- James E. Polli, University of Maryland, Baltimore, Maryland, USA
- David E. Smith, University of Michigan, Ann Arbor, Michigan, USA
- Christine Vauthier, Centre National de la Recherche Scientifique, Paris, France
- Ernst Wagner, Ludwig-Maximilians-Universität, Munich, Germany
- Yuhong Xu, Shanghai Jiao Tong University Med-X Research Institute, Shanghai, China

Editors, Expert Reviews:

- Sean Ekins, Collaborations in Chemistry, Philadelphia, Pennsylvania, USA

Editorial Advisory Board:

- Bradley D. Anderson, University of Kentucky, Lexington, Kentucky, USA
- Per Artursson, Uppsala University, Uppsala, Sweden
- Patrick Augustijns, Katholieke Universiteit Leuven, Leuven, Belgium
- Reina Bendayan, University of Toronto, Toronto, Canada
- Robin H. Bogner, University of Connecticut, Storrs, Connecticut, USA
- Kashwara Bouchemail, University Paris Sud, Châtenay-Malabry, France
- Youngro Byun, Seoul National University, Seoul, Korea
- John F. Carpenter, University of Colorado, Denver, Colorado, USA
- Hak Kim Chan, University of Sydney, Sydney, Australia
- Paolo Colombo, University of Parma, Parma, Italy
- James T. Dalton, Ohio State University, Columbus, Ohio, USA
- Elizabeth de Lange, Leiden University, Leiden, The Netherlands
- Stephen Duffull, University of Otago, Dunedin, New Zealand
- Gert Fricker, Ruprecht-Karls-Universitat Heidelberg, Heidelberg, Germany

Societies and Affiliations:

Official Journal of the American Association of Pharmaceutical Scientists

- Lawrence Gan, Millennium Pharmaceuticals, Inc., Cambridge, Massachusetts, USA
- Bruno C. Hancock, Pfizer Inc., Groton, Connecticut, USA
- Hideyoshi Harashima, Hokkaido University, Sapporo, Japan
- Anthony J. Hickey, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, USA
- Günther Hochhaus, University of Florida, Gainesville, Florida, USA
- Ming Hu, University of Houston, Houston, Texas, USA
- Hiroyuki Kusuhara, University of Tokyo, Tokyo, Japan
- Glen S. Kwon, University of Wisconsin, Madison, Wisconsin, USA
- David Lechuga-Ballesteros, Pearl Therapeutics, Inc., Redwood City, California, USA
- Claus-Michael Lehr, Saarland, University, Saarbruecken, Germany
- Tonglei Li, University of Kentucky, Lexington, Kentucky, USA
- Dexi Liu, University of Pittsburgh, Pittsburgh, Pennsylvania, USA
- Junxuan Lu, Texas Tech University, Amarillo, Texas, USA
- Zheng-Rong Lu, University of Utah, Salt Lake City, Utah, USA
- Panos Macheras, University of Athens, Athens, Greece
- Enrico Mastrobattista, Utrecht Institute for Pharmaceutical Sciences, Utrecht, The Netherlands
- Ashim Mitra, University of Missouri, Kansas City, Missouri, USA
- Marilyn E. Morris, SUNY Buffalo, Buffalo, New York, USA
- Emi Nakashima, Kyoritsu University, Tokyo, Japan
- Joseph Nicolazzo, Monash University, Melbourne, Australia
- Christopher Porter, Monash University, Melbourne, Australia
- Mark Prausnitz, Georgia Institute of Technology, Atlanta, Georgia, USA
- David Putnam, Cornell University, Ithaca, New York, USA
- Wolfgang Sadée, Ohio State University, Columbus, Ohio, USA
- Fazul Sarkar, Wayne University School of Medicine, Detroit, Michigan, USA
- Raymond Schifferlers, Utrecht University Medical Center, Utrecht, The Netherlands
- Danny Shen, University of Washington, Seattle, Washington, USA
- Chang Koo Shim, Seoul National University, Seoul, Korea
- Steven J. Shire, Genentech, Inc., San Francisco, California, USA
- Shivendra V. Singh, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania, USA
- Audra L. Stinchcomb, University of Kentucky, Lexington, Kentucky, USA
- Yoshinobu Takakura, Kyoto University, Kyoto, Japan
- Ikumi Tamai, Kanazawa University, Kakuma, Japan
- Ifaki F. Trocóniz, University of Navarra, Pamplona, Spain
- Dong-an Wang, Nanyang Technological University, Singapore
- Hongbing Wang, University of Maryland, Baltimore, Maryland, USA
- Kishor M. Wasan, University of British Columbia, Vancouver, Canada
- Antony John Williams, Royal Society of Chemistry, Wake Forest, North Carolina, USA
- J. Andrew Williams, Pfizer Inc., San Diego, California, USA
- Steven Wright, University of Arizona, Tucson, Arizona, USA
- Wen Xie, University of Pittsburgh, Pittsburgh, Pennsylvania, USA
- Keiji Yamamoto, Chiba University, Chiba, Japan
- Fumiyoshi Yamashita, Kyoto University, Kyoto, Japan
- Guofeng You, State University of New Jersey-Rutgers, Piscataway, New Jersey, USA
- Paul Young, University of Sydney, Sydney, Australia
- Maciej J. Zamek-Gliszcynski, Eli Lilly & Co., Indianapolis, Indiana, USA
## EDITORIAL CALENDAR

<table>
<thead>
<tr>
<th>Publishing Month</th>
<th>Volume/ Issue</th>
<th>Space Reservation</th>
<th>Material Due Date</th>
<th>Mail Date</th>
<th>Bonus Distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>32:1</td>
<td>11/24/2014</td>
<td>11/24/2014</td>
<td>1/02/2015</td>
<td></td>
</tr>
<tr>
<td>September</td>
<td>32:9</td>
<td>7/24/2015</td>
<td>7/24/2015</td>
<td>8/28/2015</td>
<td></td>
</tr>
<tr>
<td>October</td>
<td>32:10</td>
<td>8/24/2015</td>
<td>8/24/2015</td>
<td>9/28/2015</td>
<td>American Association of Pharmaceutical Scientists Biomedical Engineering Society</td>
</tr>
<tr>
<td>November</td>
<td>32:11</td>
<td>9/21/2015</td>
<td>9/21/2015</td>
<td>10/26/2015</td>
<td>Society for Neuroscience</td>
</tr>
</tbody>
</table>

Cancellations are not accepted after the closing date for space reservations.
If an advertiser fails to provide new artwork for a particular issue by the printed deadline (or a pre-approved extension granted by the publisher), then the publisher will pick up the most recent artwork provided. If no artwork is on hand, then the advertiser will still be responsible for payments on space.

**Acceptance Policy:** The Publisher reserves the right to review and reject any advertising submitted to the journal which it deems as inappropriate for editorial content.
DISPLAY ADVERTISING RATES

<table>
<thead>
<tr>
<th>B&amp;W RATES</th>
<th>1 TIME</th>
<th>3 TIMES</th>
<th>6 TIMES</th>
<th>12 TIMES</th>
<th>24 TIMES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pg</td>
<td>$1700</td>
<td>$1640</td>
<td>$1615</td>
<td>$1580</td>
<td>$1530</td>
</tr>
<tr>
<td>1/2 pg</td>
<td>$1240</td>
<td>$1200</td>
<td>$1185</td>
<td>$1150</td>
<td>$1120</td>
</tr>
<tr>
<td>1/4 pg</td>
<td>$940</td>
<td>$915</td>
<td>$895</td>
<td>$870</td>
<td>$840</td>
</tr>
</tbody>
</table>

CLASSIFIED ADVERTISING RATES

<table>
<thead>
<tr>
<th>B&amp;W RATES</th>
<th>1 TIME</th>
<th>3 TIMES</th>
<th>6 TIMES</th>
<th>12 TIMES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pg</td>
<td>$1480</td>
<td>$1440</td>
<td>$1410</td>
<td>$1380</td>
</tr>
<tr>
<td>1/2 pg</td>
<td>$1080</td>
<td>$1050</td>
<td>$1030</td>
<td>$1010</td>
</tr>
<tr>
<td>1/4 pg</td>
<td>$820</td>
<td>$790</td>
<td>$780</td>
<td>$740</td>
</tr>
</tbody>
</table>

COLOR CHARGES

<table>
<thead>
<tr>
<th>Type</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDARD</td>
<td>$1250</td>
</tr>
<tr>
<td>MATCHED</td>
<td>$1320</td>
</tr>
<tr>
<td>4-COLOR</td>
<td>$1600</td>
</tr>
</tbody>
</table>

Full color charges also apply to fractional pages. Bleed: no charge.

INSERTS

2-Page Insert 2x Earned B&W Rate
4-Page Insert 4x Earned B&E Rate
Larger Units # of pages x earned B&W rate

COVER AND PREFERRED POSITIONS

Second Cover 35% over earned B&W rate
Third Cover 15% over earned B&W rate
Fourth Cover 50% over earned B&W rate
Other specified 10% over earned B&W rate

• Premium over earned b/w page rate. Non-cancelable.
• Premium positioning not guaranteed with insert.
• Please consult with your sales representative for availability of all positions.

PAYMENT TERMS

All payments are to be made payable to Springer and the journal title, in U.S. funds drawn on a U.S. bank, within 30 days of the invoice date. The Publisher reserves the right to hold the advertiser and/or its agency jointly liable for monies due and payable to the Publisher.

SHORT RATES

Advertisers will be short-rated if, within a 12-month period from the first insertion, they do not use the space upon which their billings have been based.

CONTACT: Tel: (212) 460-1642 • E-mail: advertising@springer.com
PRINT ADVERTISEMENTS deliver your brand and product message to a targeted audience of influential professionals. The credibility of our journal content is the vehicle that will deliver your value proposition. Maximize our flexible print ad options to capture the attention your brand deserves.

MECHANICAL REQUIREMENTS

<table>
<thead>
<tr>
<th>AD SIZE IN INCHES</th>
<th>WIDTH</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full page</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>1/2 page Vertical</td>
<td>3 1/4</td>
<td>10</td>
</tr>
<tr>
<td>1/2 page Horizontal</td>
<td>7</td>
<td>5</td>
</tr>
<tr>
<td>1/4 Page</td>
<td>3 1/4</td>
<td>5</td>
</tr>
<tr>
<td>2-Page Spread</td>
<td>15</td>
<td>10</td>
</tr>
</tbody>
</table>

Bleed: Plate size: 8 ½” X 11 ¼”.
Trim size: 8 ⅛” X 11”.
- Keep live matter at least ¼” from all sides.
- On 2-Page spread 1/8” on the outside and ¼” in the gutter will trim off.

Printing Process: web
Paper stock within journal:
- Inside pages: 60 # white Sterling gloss.
- Covers: 10 point coated two sides.
Type of Binding: Perfect
Halftone: 133

CONTACT: Tel: (212) 460-1642 • E-mail: advertising@springer.com

INSERT REQUIREMENTS
All inserts must be furnished printed, ready for binding. Multiple leaf inserts must be furnished folded. Sample of insert must be submitted to advertising manager for approval. Carton packing preferred, quantity, publication, and date should be clearly indicated.

Two-page insert: 8 ½” X 11 ¼”.
Four-page insert: 17” X 11 ¼” (before folding). Keep live matter ¼” from trim.
Stock weight: Maximum 80 # gloss.
Quantity: Amount from “total circulation” plus 10% “additional”. It is recommended that the advertiser contact Corporate Advertising, when an issue has a larger print run.
Closing date: Same as ad closing date.

PRODUCTION REQUIREMENTS
Electronic file format: PDF, JIFF, or TIFF format.

INSERTS SHOULD BE SENT TO:
Pharmaceutical Research • The Sheridan Press • 450 Fame Avenue • Hanover, PA 17331
ONLINE ADVERTISEMENTS target the most active members of your target audience as they source information. Springer is a worldwide leader for providing dependable, essential e-information. Connect with your target audience with our online advertising options, or create a more robust impact with both print and online ads.

Our Advertising team focuses on two online advertising options:

**Banner Ads** - An embedded ad placed on our research site SpringerLink.com. **NEW* Positioning for 2015**: sized at 160x600, these ads are positioned on the top right of our web pages directly adjacent to our content listing. The new, wider skyscraper position will guarantee attention on your brand.

**e-TOC Alert** - An EXCLUSIVE right to advertise in our reader-subscribed email blast, on a per issue purchase basis. This alert details a summary of future content in the upcoming journal issue. Sized at 468x60, it is placed directly above the content listing in the email. These alerts have the highest click-through rates of all Springer e-products.

BROWSE OUR JOURNALS AT SPRINGERLINK.COM

SpringerLink is an integrated full-text database for journals, books, protocols, eReferences, and book series published by Springer, and offers free access to search, tables of content, abstracts, and alerting services. SpringerLink currently offers 2,777 fully peer-reviewed journals and 55,459 books online.

General and detailed information about our journals, books, software and other products is available on our corporate website Springer.com. Watch our online tutorial to find out how to browse, search, access, order, and more on SpringerLink.

SpringerLink Stats:

- SpringerLink receives over 3 million page impressions daily (Source: Google Analytics)
- In 2014 SpringerLink.com had 122 million unique visitors and 228 million visits (Source: Google Analytics)
- The average click rate for banner ads placed on SpringerLink.com is .10 (Source: Google Analytics)
- SpringerLink hosts more than 2,700 scientific journals
- On average each journal reaches about 280 E-Toc Subscribers (Numbers may vary due to fluctuation and popularity of journal)
Advertise with Springer Healthcare
Springer Healthcare is a leading global medical communications provider. With 550 employees and 28 offices worldwide, we boast the largest global footprint in our industry. We are a part of Springer Science+Business Media, one of the world’s leading global scientific and medical publishers.

With more than 40 years’ experience working with the pharmaceutical industry, we are specialists in delivering innovative medical content and communications solutions. Our products and services include scientific communications, promotional medical education and marketing programs, prescriber and patient education materials, independent medical news services, commercial market analysis and pharmaceutical sales force training.

With our in-depth knowledge, vast experience, unique global footprint, and flexible, innovative solutions covering every stage of the product lifecycle, we are the medical communications partner of choice.

Please contact your sales representative, for more information about online advertising opportunities.

CONTACT INFORMATION

Advertising Material with color prints should be sent to:
Springer Corporate Sales
Attn: Advertising Sales Coordinator
233 Spring St., 7th Floor
New York, NY 10013
Tel: (212) 460-1642
Fax: (212) 620-8442
E-mail: advertising@springer.com

Inserts should be sent to:
Pharmaceutical Research
The Sheridan Press
450 Fame Avenue
Hanover, PA 17331

Contracts and Patch Orders should be sent to:
Georgia Nikolaros
Springer Healthcare, LLC
233 Spring Street, 6th Floor
New York, NY, 10013
Tel: (212) 620-8495
Mobile: (646) 934-3177
Fax: (212) 620-8442
Email: georgia.nikolaros@springer.com

To subscribe, please call 1-800-777-4643
Pharmaceutical Research
An Official Journal of the American Association of Pharmaceutical Scientists
Editor-in-Chief: Swaan, P.W.
ISSN: 0724-8741 (print version)
ISSN: 1573-904X (electronic version)
Journal no. 11095