International Journal of Radiation Oncology • Biology • Physics

Overview

The International Journal of Radiation Oncology • Biology • Physics (IJROBP), known in the field as the Red Journal, offers authoritative articles linking new research and technologies to clinical applications. Original contributions by leading scientists and researchers include experimental studies of combined modality treatment and relevant innovations in tumor sensitization, especially at the molecular level, normal tissue protection, including both precision avoidance and biochemical means, brachytherapy, particle irradiation, and tumor imaging. Technical advances related to dosimetry and conformal radiation treatment planning are also included.

Display Advertising

Bill Hipple United States
646-671-0385
b.hipple@elsevier.com

Kate Lach Europe
48 500 259 970
k.lach.1@elsevier.com

Virginia Van Homrigh APAC
61 448 008159
v.vanhomrigh@elsevier.com

Derek Zakaib Canada
514-730-8837
derekjohnzakaib@gmail.com

Recruitment Advertising

Jaesam Hong Global
212-633-3713
j.hong@elsevier.com

Global Print Circulation
5,522

Avg. Global Monthly Visits
93,058

Avg. Global Monthly Unique Visitors
36,644

Avg. Global Monthly Page Views
51,391

Avg. Global eTOC Distribution
22,731
Print Closings

<table>
<thead>
<tr>
<th>VOLUME/ISSUE</th>
<th>PUBLICATION DATE</th>
<th>SPACE CLOSING</th>
<th>RUN OF BOOK ARTWORK DUE</th>
<th>PREPRINTED SUPPLIED PIECES DUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>118/2</td>
<td>1 February 2024</td>
<td>12/13/2023</td>
<td>12/18/2023</td>
<td>12/16/2023</td>
</tr>
<tr>
<td>118/3</td>
<td>1 March 2024</td>
<td>01/08/2024</td>
<td>01/11/2024</td>
<td>01/18/2024</td>
</tr>
<tr>
<td>118/4</td>
<td>15 March 2024</td>
<td>01/25/2024</td>
<td>01/30/2024</td>
<td>02/06/2024</td>
</tr>
<tr>
<td>118/5</td>
<td>1 April 2024</td>
<td>02/16/2024</td>
<td>02/21/2024</td>
<td>02/28/2024</td>
</tr>
<tr>
<td>119/1</td>
<td>1 May 2024</td>
<td>03/15/2024</td>
<td>03/20/2024</td>
<td>03/27/2024</td>
</tr>
<tr>
<td>119/2</td>
<td>1 June 2024</td>
<td>04/18/2024</td>
<td>04/23/2024</td>
<td>04/30/2024</td>
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<tr>
<td>119/3</td>
<td>1 July 2024</td>
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<td>05/13/2024</td>
<td>05/20/2024</td>
</tr>
<tr>
<td>119/4</td>
<td>15 July 2024</td>
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<td>06/07/2024</td>
</tr>
<tr>
<td>119/5</td>
<td>1 August 2024</td>
<td>06/19/2024</td>
<td>06/24/2024</td>
<td>07/01/2024</td>
</tr>
<tr>
<td>120/1</td>
<td>1 September 2024</td>
<td>07/12/2024</td>
<td>07/17/2024</td>
<td>07/24/2024</td>
</tr>
<tr>
<td>120/2</td>
<td>1 October 2024</td>
<td>08/08/2024</td>
<td>08/13/2024</td>
<td>08/20/2024</td>
</tr>
<tr>
<td>120/2S</td>
<td>1 October 2024 ASTRO</td>
<td>08/08/2024</td>
<td>08/13/2024</td>
<td>08/20/2024</td>
</tr>
<tr>
<td>120/3</td>
<td>1 November 2024</td>
<td>08/28/2024</td>
<td>09/02/2024</td>
<td>09/09/2024</td>
</tr>
<tr>
<td>120/4</td>
<td>15 November 2024</td>
<td>09/19/2024</td>
<td>09/24/2024</td>
<td>10/01/2024</td>
</tr>
<tr>
<td>120/5</td>
<td>1 December 2024</td>
<td>10/18/2024</td>
<td>10/23/2024</td>
<td>10/30/2024</td>
</tr>
<tr>
<td>121/1</td>
<td>1 January 2025</td>
<td>11/13/2024</td>
<td>11/18/2024</td>
<td>11/25/2024</td>
</tr>
</tbody>
</table>

Cancellations:

No cancellations will be accepted after closing date. Covers and preferred positions are non-cancellable. Dates subject to change.
Rates

<table>
<thead>
<tr>
<th>FREQUENCY</th>
<th>FULL PAGE (BLACK &amp; WHITE)</th>
<th>1/2 PAGE (BLACK &amp; WHITE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1x</td>
<td>$ 3,985</td>
<td>$ 2,860</td>
</tr>
<tr>
<td>3x</td>
<td>$ 3,845</td>
<td>$ 2,775</td>
</tr>
<tr>
<td>6x</td>
<td>$ 3,670</td>
<td>$ 2,695</td>
</tr>
<tr>
<td>12x</td>
<td>$ 3,555</td>
<td>$ 2,585</td>
</tr>
<tr>
<td>18x</td>
<td>$ 3,395</td>
<td>$ 2,495</td>
</tr>
<tr>
<td>24x</td>
<td>$ 3,260</td>
<td>$ 2,395</td>
</tr>
<tr>
<td>36x</td>
<td>$ 3,090</td>
<td>$ 2,295</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATCHED COLOR</th>
<th>3/4 COLOR</th>
<th>STANDARD COLOR</th>
<th>Cover Tips</th>
<th>Outserts</th>
</tr>
</thead>
<tbody>
<tr>
<td>830</td>
<td>1,940</td>
<td>600</td>
<td>$ 14,900</td>
<td>$ 15,800</td>
</tr>
</tbody>
</table>

Premium Positions

- Cover 4: 50% B/W Page rate
- Cover 2: 35% B/W Page rate
- Cover 3: 25% B/W Page rate
- Opposite TOC: 25% B/W Page rate
- First Right Hand Page: 25% B/W Page rate
- Other Preferred Positions: 10% B/W Page rate

Earned Rates

Rates are based on the total units earned during a twelve-month period. Space purchased by a parent company and its subsidiaries is combined to determine earned rate.

For information about our Agency discount (including those for in-house agencies), please contact your Sales Representative.

Inserts

Furnished inserts are billed at the black and white rate times the number of insert pages.

- **Two-page insert (one leaf):** Two-times earned frequency rate.
- **Four-page or larger insert:** Black & White earned frequency rate.

Composition

All production charges are net and non-commissionable
Acceptance of Advertising

The Publisher, Editor, and Association reserve the right to reject any advertising for any reason. Advertiser shall indemnify and hold harmless the Publisher, Editor, and the owner of the journal from and against any loss, expense, claim, or liability resulting from their advertisement. Advertiser warrants that its advertisements comply with all applicable laws, rules, and regulations. New copy must be submitted by ad space closing date.

*State and local taxes may apply.

Classified / back of book print closings

<table>
<thead>
<tr>
<th>VOLUME/ISSUE</th>
<th>PUBLICATION DATE</th>
<th>CLASSIFIED SPACE CLOSING &amp; RUN OF BOOK ARTWORK DUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>118/2</td>
<td>1 February 2024</td>
<td>12/07/2023</td>
</tr>
<tr>
<td>118/3</td>
<td>1 March 2024</td>
<td>01/02/2024</td>
</tr>
<tr>
<td>118/4</td>
<td>15 March 2024</td>
<td>01/19/2024</td>
</tr>
<tr>
<td>118/5</td>
<td>1 April 2024</td>
<td>02/12/2024</td>
</tr>
<tr>
<td>119/1</td>
<td>1 May 2024</td>
<td>03/11/2024</td>
</tr>
<tr>
<td>119/2</td>
<td>1 June 2024</td>
<td>04/12/2024</td>
</tr>
<tr>
<td>119/3</td>
<td>1 July 2024</td>
<td>05/12/2024</td>
</tr>
<tr>
<td>119/4</td>
<td>15 July 2024</td>
<td>05/22/2024</td>
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<tr>
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</table>

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Classified / back of book print advertising

Rates

<table>
<thead>
<tr>
<th>FREQUENCY</th>
<th>FULL PAGE (BLACK &amp; WHITE)</th>
<th>1/2 PAGE (BLACK &amp; WHITE)</th>
<th>1/4 PAGE (BLACK &amp; WHITE)</th>
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<tbody>
<tr>
<td>1x</td>
<td>$ 3,500</td>
<td>$ 2,615</td>
<td>$ 2,205</td>
</tr>
<tr>
<td>3x</td>
<td>$ 3,355</td>
<td>$ 2,420</td>
<td>$ 1,930</td>
</tr>
<tr>
<td>6x</td>
<td>$ 3,325</td>
<td>$ 2,270</td>
<td>$ 1,710</td>
</tr>
<tr>
<td>12x</td>
<td>$ 3,170</td>
<td>$ 2,225</td>
<td>$ 1,690</td>
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</table>

<table>
<thead>
<tr>
<th>MATCHED COLOR</th>
<th>3/4 COLOR</th>
<th>STANDARD COLOR</th>
<th>CLASSIFIEDS (BACK-OF-BOOK): COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>815</td>
<td>1,955</td>
<td>590</td>
<td>690</td>
</tr>
</tbody>
</table>

Confidential Email Inbox
Cost: $40.

Agency Discount
For information about our Agency discount (including those for in-house agencies), please contact your Sales Representative.

Cancellations:
Must be received in writing on or before the announced closing date.

Run of Book Print Ads

Sizing
Trim: 8” x 10-3/4”
Keep live matter 1/4” from all trim edges.
Binding: Perfect; Jogs to head
Printing Process: Litho Web
Halftone Screen: Cover: 150 line screen Text: 150 line screen

<table>
<thead>
<tr>
<th>AD SIZE</th>
<th>NON-BLEED</th>
<th>BLEED</th>
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</thead>
<tbody>
<tr>
<td>Trim</td>
<td>8” x 10-3/4”</td>
<td>-</td>
</tr>
<tr>
<td>Full Page</td>
<td>7-1/2” x 10-1/4”</td>
<td>8-1/4” x 11”</td>
</tr>
<tr>
<td>Spread</td>
<td>15” x 10”</td>
<td>16-1/4” x 11”</td>
</tr>
<tr>
<td>1/2 Horizontal</td>
<td>7” x 5”</td>
<td>8-1/4” x 5-3/8”</td>
</tr>
<tr>
<td>1/2 Vertical</td>
<td>3-1/2” x 10”</td>
<td>4-1/4” x 11”</td>
</tr>
<tr>
<td>1/4 Page</td>
<td>3-1/2” x 5”</td>
<td></td>
</tr>
</tbody>
</table>
Specifications

File Format

**PDF or PDF/X-1a compliant files, saved as PDF version 1.3.**

Transparencies within the supplied PDF(s) will be warned. The transparent elements contained in your file(s) must be converted within the native layout application or flattened in Acrobat using the High Resolution Flattener Presets to avoid overprint issues.

Saving your PDF to Acrobat 4 (PDF 1.3) compatibility will ensure transparent elements are flattened. If the ad contains spot colors that are not converted to process colors (CMYK) before flattening, overprint and/or trap issues may occur.

The following layout applications yield the optimum results for creating a print-compliant PDF and are expected to follow all requirements listed in this document:

- InDesign version 2 or higher (CS preferred)
- QuarkXPress version 6.5 or higher

Additional costs may apply if problems are encountered.

*NOTE: When using Adobe Illustrator it is preferred to have all fonts converted to outline/paths, and files submitted as EPS files.*

Images

All high-resolution images and fonts must be included. TIFF & EPS files must conform to the following minimum resolution specifications:

- Grayscale and Color images: 300 dpi
- Combination Grayscale and Color images: 500-900 dpi
- Line art (Bitmap) images: 900-1200 dpi

Higher image resolutions are acceptable as they exceed the minimum requirements, but in some cases unnecessary resolution will be discarded to achieve smaller file sizes.

Fonts

Use of PostScript Type 1 fonts is encouraged. Include fonts for any embedded graphics. DO NOT use Type 3 or Multiple Master fonts. Avoid using Macintosh menu-stylized fonts, Macintosh "city" fonts (Chicago, Geneva, etc.) and Microsoft Outlook fonts (Tahoma, Impact, etc.).
Page Layout

Regardless of the file format supplied, all ads must conform to the following specifications:

- Final size must meet journal trim size and include 1/8" bleed image on all four sides.
- Files will include trim marks with a minimum 3/16" offset
- No content is to be within 1/4" of all trim edges.
- Supply as single page files only
- Right Reading, Portrait Mode, 100% size, No Rotation.
- All fonts and graphics must be either embedded or included with the files and conform to the format type listed above. Images must also conform to the specifications above for minimum image resolution.
- All color ads should be supplied as composite files.
- Reverse type should be no less than 6pt. Fine lettering (thin lines, serifs) should be restricted to one color.
- Embedded images should not be scaled, cropped/masked or rotated within the page layout application but instead should be manipulated in a proper image editing program (ex. Photoshop) and then imported into the page layout program at proper size and position.
- DO NOT nest EPS files within EPS files.
- All lines and line art images should be of a minimum 1/3 pt thickness (1/2 pt for reverses) at final size to reproduce effectively on press.
- Crop marks and SWOP color bars must be included and positioned 1/2" outside trim.

Color Space

All color images and files are to be supplied as CMYK with a Total Area Coverage (TAC) not to exceed 300% for the darkest area of an image. Files supplied as RGB will be automatically converted to CMYK.

Spot Colors

Spot colors are to be identified using the standard Pantone naming convention and not a custom color such as "Dark Blue." PMS colors will be converted to process unless otherwise specified. When using both art and layout programs be sure spot color naming is consistent in all applications (ex. Do not define both PMS 201CV and PMS 201CVC). Any non-intended spot colors will be converted to CMYK.

Trapping and Screening

Overprints and knockouts should be defined. Files are NOT to be trapped or prescreened. Our Prepress service provider will use industry recognized trapping software to auto-trap your files for optimum performance and reproduction on press and will apply the appropriate screening. Note that these trap settings may force small text and fine graphics to overprint to hold registration on press.

Proofs

If submitting a proof for color match on press, please send a SWOP-certified contract color proof (with SWOP proofing bar or GATF proof comparator), produced from the final submitted file and imaged at 100% scale. Revised proofs must be supplied whenever a text or design change is made. For a list of current SWOP-approved proofs visit [https://idealliance.org/systems-certification/certified-hard-copy-proofing-systems/](https://idealliance.org/systems-certification/certified-hard-copy-proofing-systems/). Desktop inkjet printer proofs do not meet SWOP specifications. Elsevier cannot guarantee color match unless acceptable proof is provided. If a contract proof is not supplied Elsevier will run to standard ink densities and dot gains.

Delivery

Submit PDF ad files to Elsevier ad portal at [www.ads4els.com](http://www.ads4els.com)

Conformance to Specs

Variances from the above specifications may not yield results that conform to Elsevier quality control standards.
Supplied Print Ad Pieces

Size - 2 page: 8-1/4” x 11”
Size - 4 page: 16-1/2” x 11”

Trimming: For 2 page 80# text preferred; 4 to 8 pages – 60# text minimum; 80# text maximum. Inserts that do not meet these minimum/maximum weights must be sent to the publisher two weeks prior to advertising close date for evaluation and print compatibility.

Closing Date for Booking Inserts: Same as ad space closing
Insert delivery date: See Insert due dates

All inserts must be submitted to Publisher for approval of stock, design and other mechanical specifications. Copy of insert must accompany insertion orderNote: Failure to meet insert specifications & packaging guidelines may result in additional charges and/or delays with insertion.

Insert Quantity

Contact Ad Sales Services. For conference copy distribution, contact Ad Sales Services.

Insert Packing & Shipping Instructions

Inserts packed one up, folded if four pages, flat if two pages. All inserts must be delivered to the printer in cartons, with journal title, quantity, product & issue date (month/year) clearly marked. If shipping inserts for more than one issue date, inserts must be packed separately and clearly marked indicating journal title, issue date (month/year) and quantity.

Insert Shipments Address

International Journal of Radiation Oncology
- Biology - Physics

LSC Communications

13487 South Preston Highway
LEBANON JCTN, KY 40150
United States
Attn: Elsevier Team

Disposition of Reproduction Materials

All digital ad files will be held for twelve months only unless otherwise notified. Left over inserts will be held until the issue mails. After issue mailing is completed any unused inserts for that issue will be destroyed unless otherwise indicated on the insertion order. Excess inserts held in storage beyond completion of insertion date will be subject to storage charges.

For Contracts, Insertion Orders & Production Materials

Send new print ad files and submit pickup ads to www.ads4els.com.
Digital Specs

Website

<table>
<thead>
<tr>
<th>POSITIONS</th>
<th>AD</th>
<th>SIZE (PIXELS)</th>
<th>EXPANDABLE (PIXELS)</th>
<th>EXPANDABLE DIRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>Leaderboard</td>
<td>728 x 90</td>
<td>728 x 315</td>
<td>Down</td>
</tr>
<tr>
<td>Top</td>
<td>Mobile Leaderboard</td>
<td>300 x 50 or 320 x 50</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Side</td>
<td>MPU</td>
<td>300 x 250</td>
<td>600 x 250</td>
<td>Left</td>
</tr>
<tr>
<td>Side</td>
<td>Skyscraper</td>
<td>160 x 600 or 120 x 600</td>
<td>320 x 600</td>
<td>Left</td>
</tr>
<tr>
<td>On page load</td>
<td>Prestitial*</td>
<td>300 x 250 or 480 x 640</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

FORMATS
- jpeg, png, gif, HTML5†, 3rd party tags

TRACKING PIXELS
- Yes

MAX FILE SIZE
- 200 KB

MAX ANIMATION (TIME/LOOPS)
- 15 seconds/ 3 loops

PRESTITIAL FREQUENCY
- 1 impression/6hrs/user

*Supply iFRAME tags for scrolling elements in ad; HTML5 must be provided as a 3rd party tag for prestitial banners.

†Excluding personally identifiable information (PII).

eTOC Email

<table>
<thead>
<tr>
<th>POSITION</th>
<th>AD</th>
<th>SIZE (PIXELS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>Leaderboard</td>
<td>728 x 90</td>
</tr>
<tr>
<td>Middle</td>
<td>MPU</td>
<td>300 x 250</td>
</tr>
</tbody>
</table>

FORMATS
- jpeg, png, gif (static image only)

TRACKING PIXELS
- No

MAX FILE SIZE
- 200 KB

AIP Email

<table>
<thead>
<tr>
<th>POSITION</th>
<th>AD</th>
<th>SIZE (PIXELS)</th>
</tr>
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<tbody>
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<tr>
<td>Middle</td>
<td>MPU</td>
<td>300 x 250</td>
</tr>
</tbody>
</table>

MAX FILE SIZE
- 200 KB

MPU banners, positions 1, 2, 3, are stacked vertically
Animation and expandable banners unavailable

Contact your sales representative for all digital advertising rates and opportunities.
1. Applicability

These terms and conditions shall apply to all offers, proposals and agreements made between Elsevier and any third party or its agent ("the Client") relating to the products and/or services of Elsevier ("the Products and/or Services") and any variation to these terms and conditions shall be in the form of a formal written agreement between the parties. The Client shall be deemed to have read and be aware of the terms and conditions in effect at the time the Client orders the products and services subject to these terms and conditions. Any variation to the terms and conditions must be agreed to in writing by Elsevier.

2. Offer and acceptance

Unless otherwise agreed by Elsevier in writing, the price quoted in the Products and/or Services supplied and/or ordered by the Client is final and invariable, except in the event that any of the following occurs: any increase in the cost of providing the Services; any increase in the cost of providing the Products; or there is any increase in tax or any other increase in cost of doing business.

3. Payment

Unless otherwise agreed in writing, payment shall be made in accordance with the terms and conditions specified in the invoice or other written agreement between the parties. The failure to make payment in accordance with the terms and conditions specified in the invoice or other written agreement between the parties shall be deemed a breach of the terms and conditions.

4. Force majeure

If by reason of labor dispute, strikes, inability to obtain labor or materials, fire or other action of the elements, and in each case beyond the control of a party, such party is unable to perform in whole or in part its obligations set forth in this TC, then such party shall be relieved of those obligations to the extent it is unable to perform, and such inability to perform shall not constitute a breach of contract.

5. Advertising & Reprints

The Client agrees that: if Elsevier provides reprints to the Client in connection with the publication of a paper, the Client shall comply with all applicable laws and regulations, including any copyright laws, and shall indemnify and hold Elsevier harmless from any claims or liabilities arising from the Client's use of the reprints.

6. Audit

If any party believes that the other party has violated any provisions of the TC, either party may request an audit of the other party's performance. The requesting party shall pay all costs associated with the audit. If the audit determines that the other party has violated any provisions of the TC, the requesting party may terminate the TC and receive any damages or other remedies for which they are entitled.

7. Legal jurisdiction

Any disputes arising out of or relating to the TC shall be governed by the laws of [insert applicable jurisdiction] and shall be subject to the exclusive jurisdiction of the courts of [insert applicable jurisdiction]. The Client agrees to the jurisdiction of such courts.

8. Liability and claims

Except as otherwise agreed in writing, Elsevier shall not be liable for any direct or indirect damages, losses, or expenses, including, but not limited to, lost profits, lost savings, or lost business, arising out of or relating to the TC. Elsevier shall not be liable for any damages or losses resulting from any act or omission of any third party.

9. Force majeure

If by reason of labor dispute, strikes, inability to obtain labor or materials, fire or other action of the elements, and in each case beyond the control of a party, such party is unable to perform in whole or in part its obligations set forth in this TC, then such party shall be relieved of those obligations to the extent it is unable to perform, and such inability to perform shall not constitute a breach of contract.

10. Cancellations & Returns

Cancellations or returns will be made at Elsevier's discretion, and the Client shall be charged for all cancellations or returns. The Client shall pay all costs associated with the cancellation or return, including any shipping and handling charges.

11. Audit

The Client shall cooperate with any audit conducted by Elsevier. The Client acknowledges and agrees that Elsevier has the right to audit the Client's dealings with Elsevier.

12. Force majeure

If by reason of labor dispute, strikes, inability to obtain labor or materials, fire or other action of the elements, and in each case beyond the control of a party, such party is unable to perform in whole or in part its obligations set forth in this TC, then such party shall be relieved of those obligations to the extent it is unable to perform, and such inability to perform shall not constitute a breach of contract.

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