MANUSCRIPT PREPARATION - ARTWORK

Artwork

- General guidelines
- Unacceptable artwork types
- Cropping and sizing
- Labeling
- Copyright

General guidelines

Please read this information carefully to avoid publication delays.

All figures will be reproduced exactly as submitted, so authors must take special care to prepare high-quality files. Check with your technology support personnel if you need help with producing the proper files. Authors should submit all figure files via the *PHOS* Editorial Manager site (https://www.editorialmanager.com/phos/).

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Figure 1. 300 dpi (A) versus 72 dpi (B) resolution
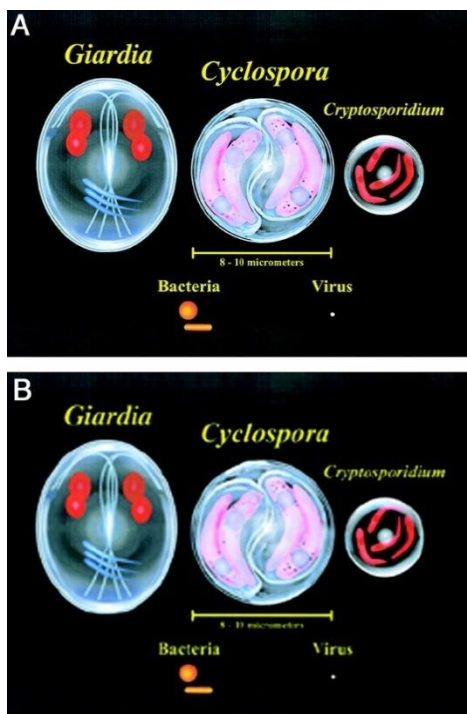
Cropping and sizing

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Labeling

Please be consistent with type (both font and size) within a figure. Since most figures are reduced, figures employing more than one font size may, after reduction, contain both text that is too small to read and text that is so large as to be awkward (see fig. 2). After reduction, all text should be legible but not excessively large. Of course,

some variation in the size of letters may be necessary to emphasize elements in a figure or to fit lettering in a limited space; however, please try to use no more than a 2-point variation in your type sizes. Figure 2. A, Note the large variation in font sizes used for labels. This makes sizing the image particularly difficult and results in awkward-looking graphics. In contrast, B uses fairly consistent type sizes, resulting in a more balanced figure.
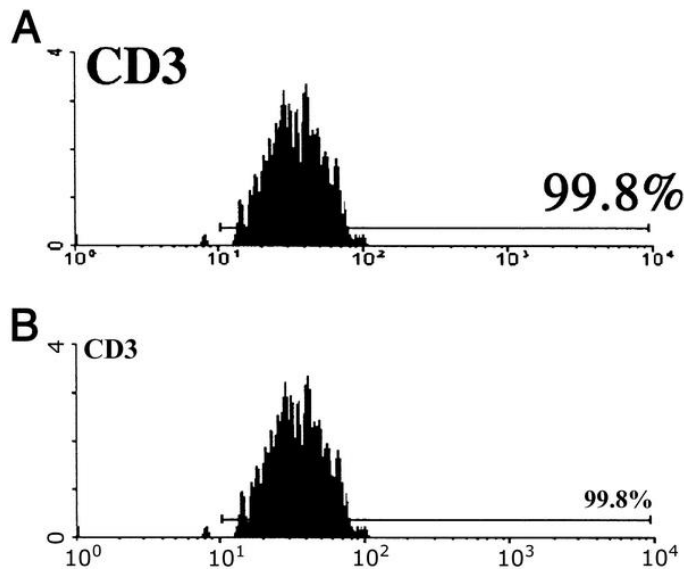
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If the figures in your manuscript contain units of measurement, please label these units consistently. Make sure abbreviations are consistent with those used in the text and the legend.

Avoid placing labels over shaded areas of a figure. Best results are obtained from blacklettering on a white background. If the area requiring a label contains shading, it is best tocreate a white box and place the black label within.

Figures consisting of more than one panel should include uppercase panel designations ("A,""B," "C," etc.). The Press prefers to receive multipart figures assembled into single image files whenever possible (i.e., one file containing all panels, with parts labeled, and arranged so that they will fit on a journal page or portion of a page). Whenever possible, include all panels of a figure on the same page.

Each chart or graph should incorporate a key to any symbols or colors used. Please set the key inside the figure when possible.

All graphs and plots should include axis lines at the top, bottom, right, and left sides of the data, forming a completely enclosed box. This will allow for easier interpretation by the reader. Figures should not include text along the top axis outside of the box, except for axis labels. Any information about the figure should be contained within the figure legend or in the labels that appear inside the box.

Omit any extraneous information, such as page numbers, figure numbers, author names, or manuscript number, from the figure. Figures themselves should not contain a title or text that is duplicated in the figure legend. Figure legends should be included separately with the manuscript.

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