

Guide to preparing artwork for ABBS

This guide is to assist authors whose manuscripts have been accepted for publication by ABBS. It will help you to prepare artwork so that it will be processed as quickly and smoothly as possible, and give the best possible results in the final printed version. Please follow these instructions carefully.

Electronic file formats

We prefer:

Format	Resolution/Notes
Adobe Illustrator (*.AI or *.EPS)	For composite images: minimum resolution of 300d.p.i. at final printed size. Fonts to be included.
CorelDraw (*.CDR)	For composite images: minimum resolution of 300d.p.i. at final printed size. Fonts to be included.
Photoshop (*.PSD)	Please supply with layers intact.
Freehand (*.FHx)	For composite images: minimum resolution of 300d.p.i. at final printed size. Fonts to be included.

We can accept:

Format	Resolution/Notes
TIFF	Minimum resolution of 300d.p.i. (72d.p.i. files are not useable) at the size the image is to appear in print. If the figure contains text minimum resolution is 400d.p.i. and 600d.p.i. where it contains small text or other fine detail. Compress if file size is large.
EPS	For composite images – minimum resolution of 300d.p.i. at final printed size. Fonts to be included.
MS Word	Minimum resolution of 300d.p.i. for halftone images and 1000d.p.i for lineart. Generate postscript files by using 'Print to file'. To do this, open the image in its native application, go into the 'print' menu and change the destination from 'printer' to 'file' (or click on 'print to file'). This will write a Postscript (.ps or .prn) file.
MS PowerPoint	Minimum resolution of 300d.p.i. for halftone images and 1000d.p.i for lineart. Generate postscript files by using 'Print to file'. To do this, open the image in its native application, go into the 'print' menu and change the destination from 'printer' to 'file' (or click on 'print to file'). This will write a Postscript (.ps or .prn) file.

MS Excel or SigmaPlot	Minimum resolution of 300d.p.i. for halftone images and 1000d.p.i for lineart. Generate postscript files by using 'Print to file'. To do this, open the image in its native application, go into the 'print' menu and change the destination from 'printer' to 'file' (or click on 'print to file'). This will write a Postscript (.ps or .prn) file.
JPEG	Minimum resolution of 300d.p.i. (72d.p.i. files are not useable) at the size the image is to appear in print. If the figure contains text minimum resolution is 400d.p.i. and 600d.p.i. where it contains small text or other fine detail. Compress file size if large. Please supply the highest possible quality (between 10-12) to prevent reduction of quality.
Acrobat PDF	Use Print PDF or Press PDF settings. Always use embed fonts option in the job options setting (fonts tab). For composite images – min. resolution of 300d.p.i. at final printed size. Fonts to be included.
PICT	Minimum resolution of 300d.p.i. (72d.p.i. files are not useable) at the size the image is to appear in print. If the figure contains text minimum resolution is 400d.p.i. and 600d.p.i. where it contains small text or other fine detail. Compress if file size is large.

We can not accept: Canvas before version 3.5, DeltaGraph, Tex/LaTeX

Image types:

Raster formats (bitmapped images) are best suited to photographs and scans (we prefer Photoshop or TIFF files)

Line (or vector) formats are best for graphs and schematic diagrams

Colour artwork:

The colour printing process requires files to be in CMYK format.

We prefer authors to convert their artwork to CMYK format before submission – this means that the author can approve any change in colour that occurs during the conversion process.

However, conversion from RGB to CMYK is very critical and depends upon profiles, so if you are not well versed with conversion, please supply the RGB files. We will convert these with standard profiles, so as to minimize the loss in colors.

Presentation of figures

Lettering should be:

In a sans serif typeface (preferably Arial or Helvetic)

In the same typeface throughout

Not placed directly over images or shaded areas

Bold upright (not italic) and lowercase when labeling multipart figures

In one-letter code in Courier for amino acid sequences

Between 6 and 8 point for labels

Figure sizing should:

Be as small as possible (for reasons of space in the journal)

Be supplied in a comparable size to similar figures in printed issues of the journal

Be able to fit into a single column of the printed journal wherever possible (single column width is 86mm wide and double column is 178mm)

Be able to be reduced significantly without loss of quality wherever possible

Ensure that lettering will remain readable after reduction (avoid large type or thick lines) – we recommend that lines are between 0.5 and 1 point