

Guidelines for the creation and publication of graphical abstracts

(Full version)

The graphical abstract (Graph-Abs) is a visual representation that provides a concise summary of the key findings and significance of an original scientific research article: *Full Research Articles, Pictorial Essays, Brief Research Articles, and Technical Notes*.

They serve as a quick and engaging way for readers to grasp the main message of the research paper. Authors submitting articles to JMeXFRi are asked to follow these guidelines when creating Graphs-Abs:

1. Clarity and readability:

- Ensure that the Graph-Abs is clear, concise and easy to understand.
- Use legible fonts and maintain a readable font size for all text elements.
- Use high-resolution images to maintain clarity.

2. Structure and font:

- Graph-Abs should always be laid out in horizontal format.
- Divide the GraphAbs into different sections that reflect the most important elements of the study.
- We recommend Arial as the font, but for esthetic reasons another font may be considered, depending on the case.
- The image must always be rectangular and maintain the proportions of 1 height x 1.75 width.
- The font size must be uniform, but may vary to emphasize the relevant data for the placement of the text, trying to follow the recommendations below:
 - Title: size 60, bold, written in two lines (depending on length).
 - Parts of the article: (ej, introduction, conclusion, results) size 50, bold and capitalized.
 - Subtitles: size 45-50, lower case, bold.
 - Normal text: size 35-45 (better 45, if possible).
 - Text in the footer of an image or table: size 25-35.
- Make sure that the information is easy to read. It is therefore advisable to follow a certain order (e.g. from top to bottom, from left to right, etc.).

- Do not insert Graph-Abs as title.
- Insert the JMeXFRI logo together with the name of the journal in the upper right corner of the Graph-Abs.
- The author's name must be written in italics in size 30 in the lower left part of the article, only the first author together with *et al.*

3. Visual elements:

- Include relevant and representative visual elements, such as graphs, charts, images, or diagrams.
- Choose a color scheme that improves clarity and readability.
- Make sure that visual elements are appropriately labeled and have concise captions.
- Choose a color palette in a Graph-Abs, to make the image visually pleasing.

4. Consistency with the article:

- The Graph-Abs should be consistent with the content of the article.
- Use consistent terminology, symbols, and abbreviations in both the Graph-Abs and the main text.

5. Conciseness:

- Be brief and focus on the most important aspects of the study.
- Avoid overloading with excessive details or information.
- Remember, is a graphical abstract, not a poster.

6. Engagement:

- Design Graph-Abs in such a way that it attracts the reader's attention and arouses their interest.
- Highlight key findings or innovations that make the research noteworthy.
- Base mostly in the written abstract, but if you feel there is information you need to add, quit or modify to capture the lector attention, go ahead.

7. Adherence to JMeXFRI style:

- Adhere to the guidelines and dimensions provided by the journal.
- Ensure that the Graph-Abs meets the design requirements set by the editorial team.

8. File format and resolution:

- We strongly recommend that you use the Canva platform to create the Graph-Abs (www.canva.com), with a height of 2000 pixels and a width of 3500 pixels.
- If you don't know how to use Canva, we will send you a short tutorial video, don't worry. It's easy and intuitive.

9. Review and approval:

- Get feedback from co-authors, colleagues, or mentors to improve the quality of the Graph-Abs.
- Make sure all authors approve the final version before submission.

10. Submission process:

- Once you do your design, send the link to the journal, with a PNG image.
- Follow the journal's submission guidelines for Graph-Abs.
- A letter of authorization must be signed for publication of the Graph-Abs on social media.

Examples of Graph-Abs published in JMeXFRI 1-2024

