2024 MPRINT Annual Conference:
Cultivating Collaboration, Growing Connections
Visual Communication Poster Challenge

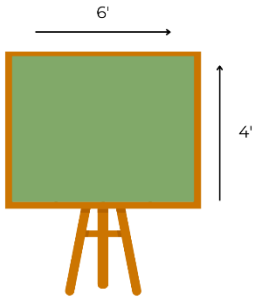
The 2024 MPRINT planning committee invites attendees to participate in a Visual Communication Poster Challenge.

Goal: The challenge is to present your research in an infographic or visual abstract format that can be readily shared online. The goal is to support a wider dissemination of therapeutics research and in doing so, increase the impact of that research on medical practice. With your permission entries will be used in MPRINT's outreach efforts, which may include but not be limited to sharing on MPRINT's social media, list-serv, newsletter, or general information related to MPRINT.

Audience: Members of the MPRINT and other communities, Colleagues at the NIH, FDA, and other government agencies

Details: For your presentation at the symposium, your visual abstract/infographic should be printed on a poster. You may make it in whatever size best suits the layout you design. Keep in mind:

- It should be legible both on a screen and on your printed poster (which will be displayed on a poster display cart that is 4'x6' (46.5"x72").
- The default PowerPoint size (4:3 or 16:9) is common for visual abstracts. We also find that 1:1 is well-suited to share on a wide variety of social media platforms.
- While it is not required for anyone outside of Indiana University here are additional guidelines you may found helpful:
    - Design at the size you want printed (meaning if you need a poster to be 24" X 36", the file should be that size)
    - Not wider than 44"
    - Please be sure to review your institution's printing guidelines



Steps to participate:

- Please complete this form by **May 1, 2024**.
- Participants are responsible for printing their Visual Communication Poster and bring it to the 2024 MPRINT Annual Conference
- Participants should send a PDF AND a PNG to Amelia Grant (amlgrant@iu.edu) with the subject line "2024 MPRINT Annual Conference: Visual Abstract Poster" submission by **May 13, 2024**

Judging: The following criteria will be used in the judging process:

- Content: Is your research presented so that it is clear and easy to understand?
- Design: Does the layout/aesthetics of your visual help explain and guide the viewer through the information?
- Shareability: Is your visual engaging? Does it evoke interest?

Recommendations:

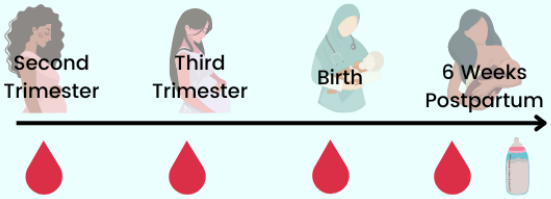
- Check out the attached infographics for inspiration.
- Here is an excellent source for learning more about visual abstracts that includes quite a few examples: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9200102/
- Canva is a good platform for creating these kinds of visuals (they have a free version) but something like PowerPoint will also work.
- Try websites like iconify.design or thenounproject.com to find icons if you can't find what you need built into Canva or PowerPoint.

Examples of infographics:

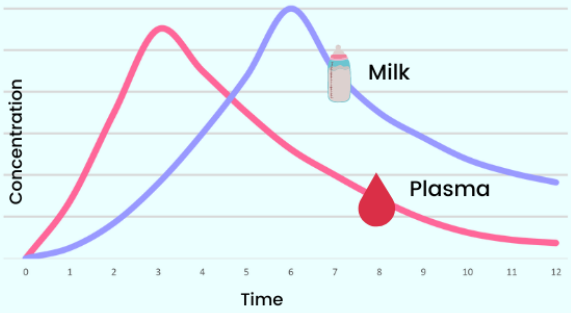
Yue, M., et al. (2023). "Pharmacokinetics of Antidepressants in Pregnancy." The Journal of Clinical Pharmacology 63(S1): S137-S158.

Pharmacokinetic Modeling Approaches in Pregnancy and Lactation

"We owe it to participants to maximize the data coming from their samples."



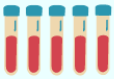
Ideal sampling for pregnancy studies should include multiple time points at stages throughout pregnancy and at birth. Postpartum samples allow the participant to serve as her own control.



Lactation studies require rich sampling, as no single data point will reflect a correct milk to plasma ratio.

Studies should be based in community needs

Study design should include the PK modeler to identify strategic sampling



Rich sampling of fewer participants yields better results than sparse sampling of more participants

There should be clear protocols for sample processing and bioanalysis

Pharmacokinetic models need to feed back into clinical settings

Based on a presentation by Dr. Catriona Waitt

From the MPRINT Virtual Workshop:

Pharmacokinetic & Pharmacodynamic Studies in the Postpartum Period

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