DOI: 10.1002/rth2.12721

# ILLUSTRATED REVIEW



# The Journey to a Successful Illustrated Review

Revised: 19 April 2022

<sup>1</sup>Microbiology and Immunology, Dalhousie University, Halifax, Nova Scotia, Canada

<sup>2</sup>St Michael's Hospital, Departments of Medicine and Laboratory Medicine & Pathobiology, Li Ka Shing Knowledge Institute, University of Toronto, Toronto, Ontario, Canada

<sup>3</sup>Department Medicine, Robert Larner MD College of Medicine, Burlington, Vermont, USA

<sup>4</sup>Pathology and Laboratory Medicine and UNC Blood Research Center, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina, USA

#### Correspondence

Michelle Sholzberg, St Michael's Hospital Departments of Medicine and Laboratory Medicine & Pathobiology, 30 Bond Street, Toronto, ON M5B1W8, Canada. Email: Michelle.Sholzberg@unityhealth.to

#### Funding information

There was no funding support for this article.

Handling Editor: Prof. Yotis Senis

Mary Cushman  $MD^3$  | Alisa S. Wolberg PhD<sup>4</sup>

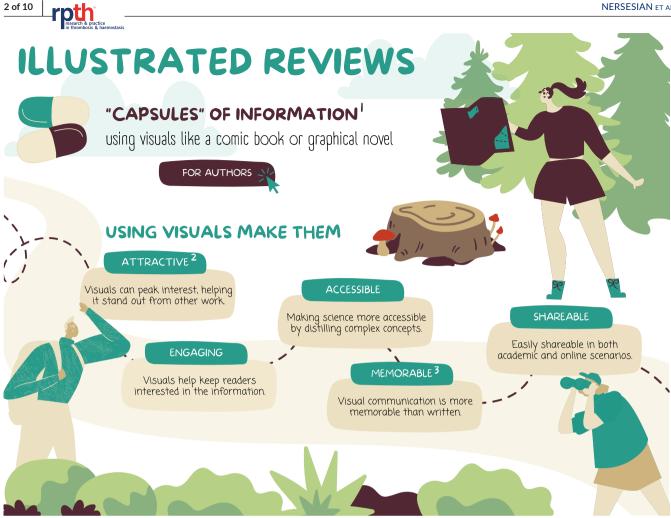
# Abstract

Illustrated review articles, rooted in scientific rigor, are made up of "capsules" or panels of visuals that together provide an up-to-date overview of a topic. Illustrated reviews aim to provide a more accessible format than traditional written reviews to facilitate more effective knowledge translation and dissemination. However, the novelty of this format can dissuade prospective authors due to uncertainty and lack of comfort. To remedy this uncertainty, we have summarized the journey of developing an illustrated review, from identifying an appropriate topic to submitting the final manuscript for peer review. We highlight the importance of approaching an illustrated review from a storytelling perspective, and encouraging authors to keep their audience in mind when picking a theme or characters. We provide storyboard considerations and simplify graphic design principles to develop an outline and line draft for the illustrated review. We list programs available to authors to demystify creating attractive and engaging scientific visuals. Finally, we provide information on choosing colors or fonts and where to find copyright-free icons, graphics, illustrations, and pictures. This review provides prospective authors with the knowledge, tools, and resources to create an effective illustrated review article. If there is difficulty with the links embedded within the document please download the full PDF.

#### KEYWORDS

graphics, hemostasis, illustration, publishing, thrombosis, visualization

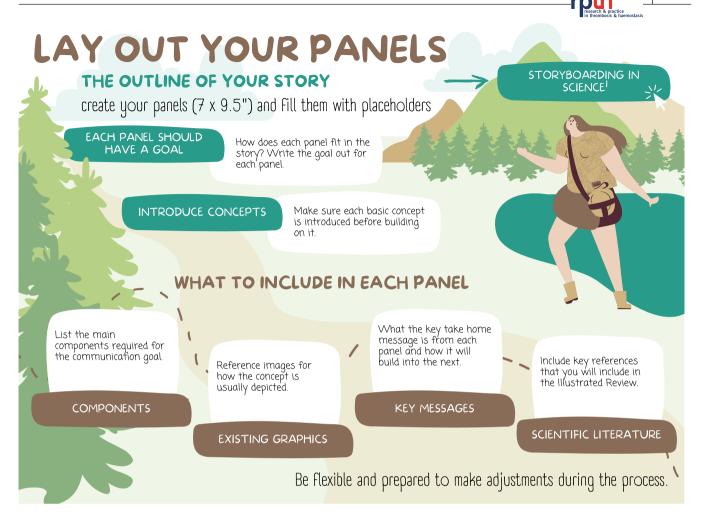
This is an open access article under the terms of the Creative Commons Attribution-NonCommercial-NoDerivs License, which permits use and distribution in any medium, provided the original work is properly cited, the use is non-commercial and no modifications or adaptations are made. © 2022 The Authors. Research and Practice in Thrombosis and Haemostasis published by Wiley Periodicals LLC on behalf of International Society on Thrombosis and Haemostasis (ISTH).

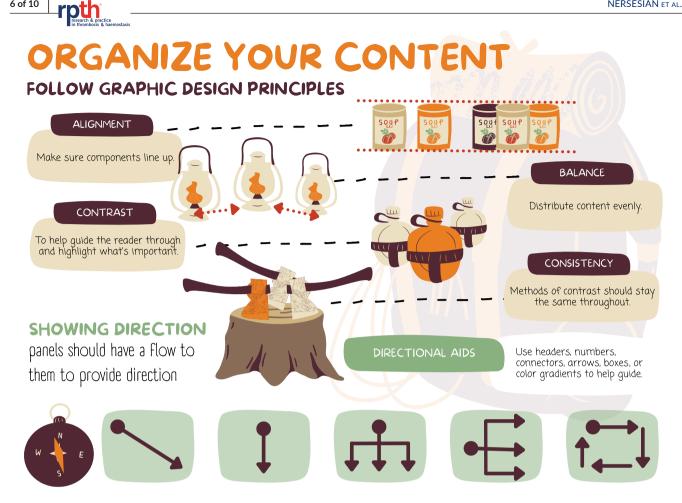




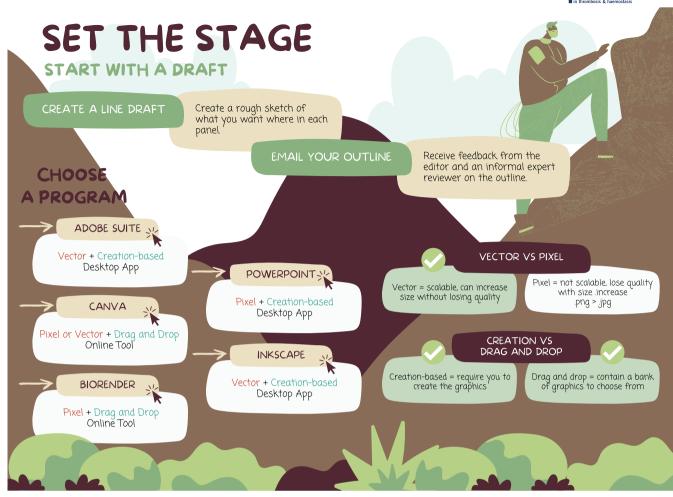


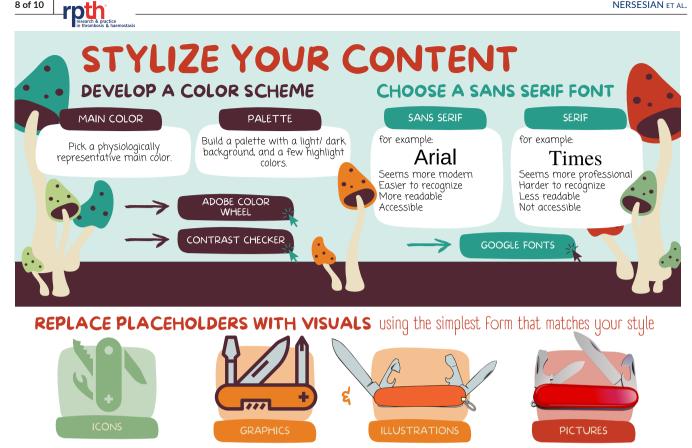




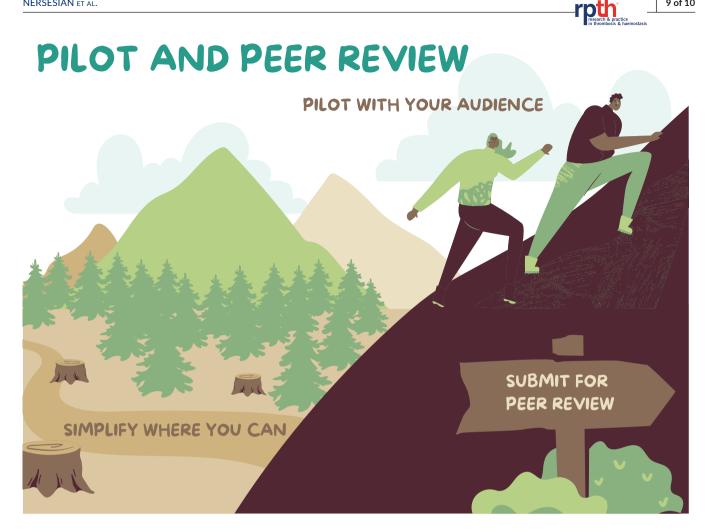


-rptn research & practice





PUBLIC HEALTH IMAGE LIBRARY THE NOUN PROJECT SERVIER ART MED PIX & confirm the copyright status of any borrowed visual. PHYLOPIC BIOICONS



# **RELATIONSHIP DISCLOSURE**

Dr Cushman is editor-in-chief and Dr. Sholzberg is an associate editor of *Research and Practice in Thrombosis and Haemostasis (RPTH)*, and they receive honoraria. Sarah Nersesian is the owner of and a scientific illustrator at Designs That Cell.

## AUTHOR CONTRIBUTIONS

SN and MS contributed to conceptualizing, writing, and designing article content. MC and AW contributed to conception and design and reviewed drafts of the work and the final article.

### ORCID

Michelle Sholzberg <sup>(D)</sup> https://orcid.org/0000-0003-1220-0301 Alisa S. Wolberg <sup>(D)</sup> https://orcid.org/0000-0002-2845-2303

### TWITTER

Sarah Nersesian ♥ @NersesianSarah Michelle Sholzberg ♥ @sholzberg Mary Cushman ♥ @MaryCushmanMD Alisa S. Wolberg ♥ @aswolberg

#### REFERENCES

- Wolberg AS, Cushman M. Illustrated review article: a new format for disseminating scientific progress. *Res Pract Thromb Haemost*. 2018;2(3):405-406. doi:10.1002/rth2.12124
- 2. Ward CM, Andrews RK. Short and sweet science. Res Pract Thromb Haemost. 2019;3(3):429-430. doi:10.1002/rth2.12224

- Bobek E, Tversky B. Creating visual explanations improves learning. Cogn Res Princ Implic. 2016;1(1):27. doi:10.1186/s4123 5-016-0031-6
- Samuelson Bannow B, McLintock C, James P. Menstruation, anticoagulation, and contraception: VTE and uterine bleeding. *Res Pract Thromb Haemost*. 2021;5(5):e12570. doi:10.1002/rth2.12570
- Relke N, Chornenki NLJ, Sholzberg M. Tranexamic acid evidence and controversies: an illustrated review. *Res Pract Thromb Haemost*. 2021;5(5):e12546. doi:10.1002/rth2.12546
- Boon G, Bogaard HJ, Klok FA. Essential aspects of the follow-up after acute pulmonary embolism: an illustrated review. *Res Pract Thromb Haemost.* 2020;4(6):958-968. doi:10.1002/rth2.12404
- Joubert M, Davis L, Metcalfe J. Storytelling: the soul of science communication. J Sci Commun. 2019;18(05):E. doi:10.22323/ 2.18050501
- Ettinger J, Otto FEL, Schipper ELF. Storytelling can be a powerful tool for science. *Nature*. 2021;589(7842):352. doi:10.1038/d41586-021-00108-w
- Martinez-Conde S, Macknik SL. Opinion: finding the plot in science storytelling in hopes of enhancing science communication. *Proc Natl Acad Sci U S A.* 2017;114(31):8127-8129. doi:10.1073/ pnas.1711790114
- Ettinger J. What Hollywood can teach researchers about scientific storytelling. Nature. 2020. doi:10.1038/d41586-020-01731-9

How to cite this article: Nersesian S, Sholzberg M, Cushman M, Wolberg AS. The Journey to a Successful Illustrated Review. *Res Pract Thromb Haemost*. 2022;6:e12721. doi:10.1002/rth2.12721