

# 科学イラスト制作をプロに依頼する

## － 実例を交えた依頼方法の流れ－



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## Well-Created Scientific Illustration Has Power to Engage Readers

### ■ Researchers Have Many Chances to Create Scientific Illustrations

Grant Application

Graphical Abstract

Paper

Press Release

Conference Presentation

Poster Presentation

You may have been creating those scientific illustrations on your own, but did you know that you can commission scientific illustrations to professionals?

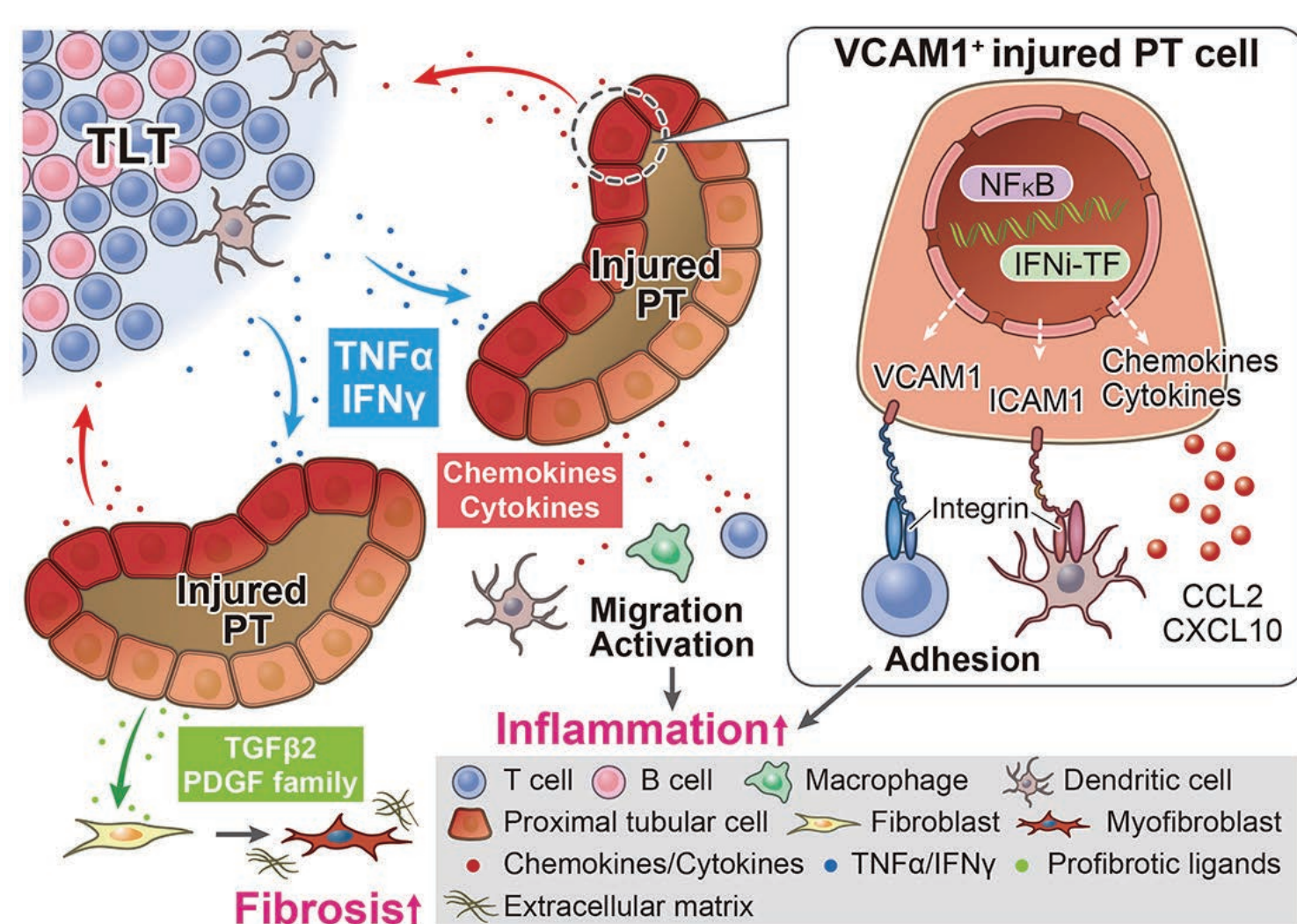
### ■ Why Create Scientific Illustrations with Professional Scientific Illustrators?

Some of the scientific illustrators possess specialized knowledge in science and/ or have extensive experience in creating illustrations. They combine these skills to create effective scientific illustrations tailored to the target audience and the intended purpose as imagined by researchers.

**Scientific illustrations not only convey scientific information but also enhance our understanding of the research and provide visual impact to the readers.**

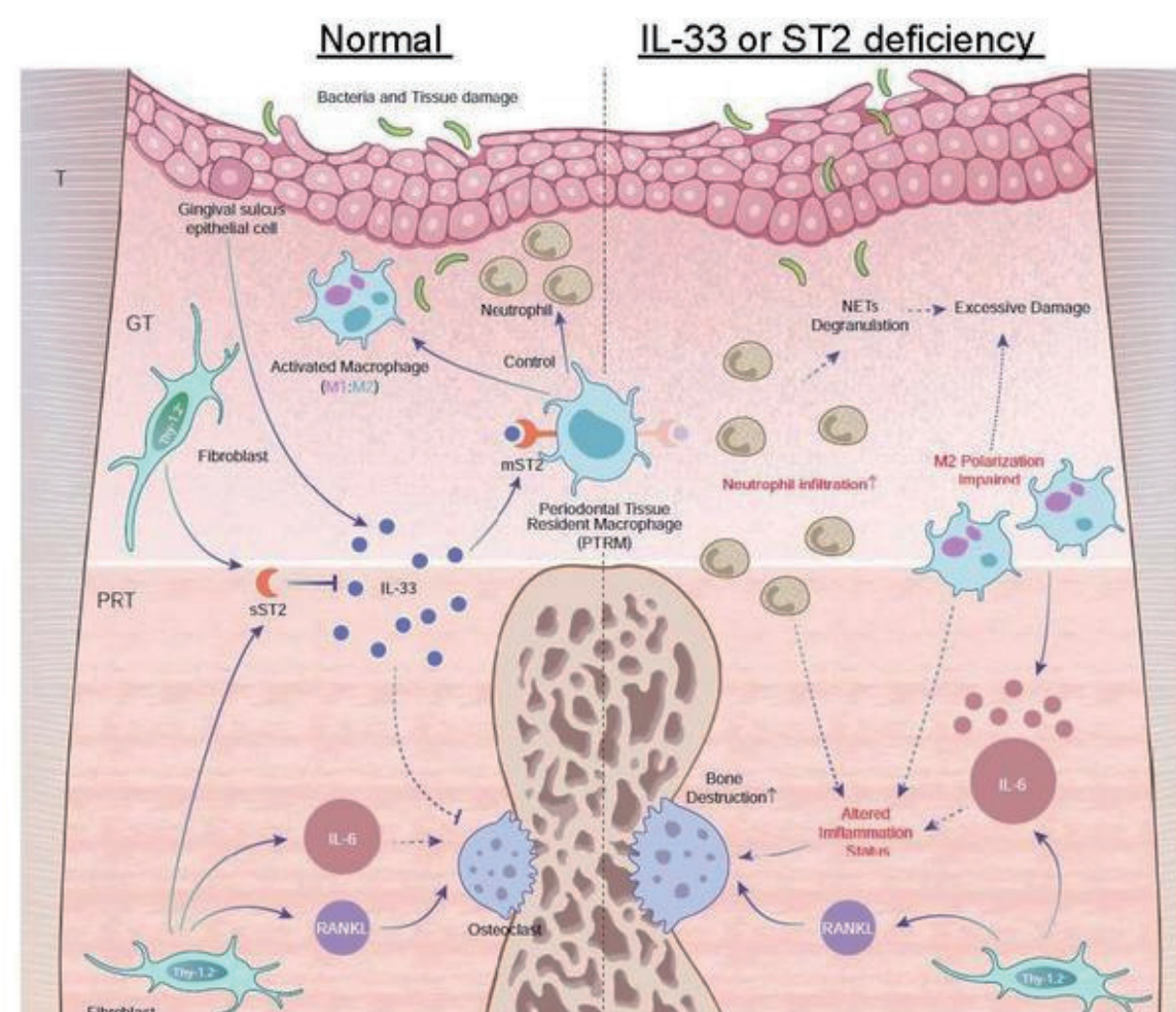
#### EXAMPLES OF SCIENTIFIC ILLUSTRATIONS CREATED BY PROFESSIONALS

This figure was used as part of the **graphical abstract** of an accepted paper which describes the mechanism of a kidney injury (the inflammation caused by tertiary lymphoid tissues (TLT)).



#1 Credit: Yanagita Group (KyotoU)/LAIMAN-ARIGA

This diagram was used for a **press release** to clearly visualize the comparison between the normal situation of dental tissues on the left and the situation on the right where certain genes (IL33 or IL1r1) are deficient.



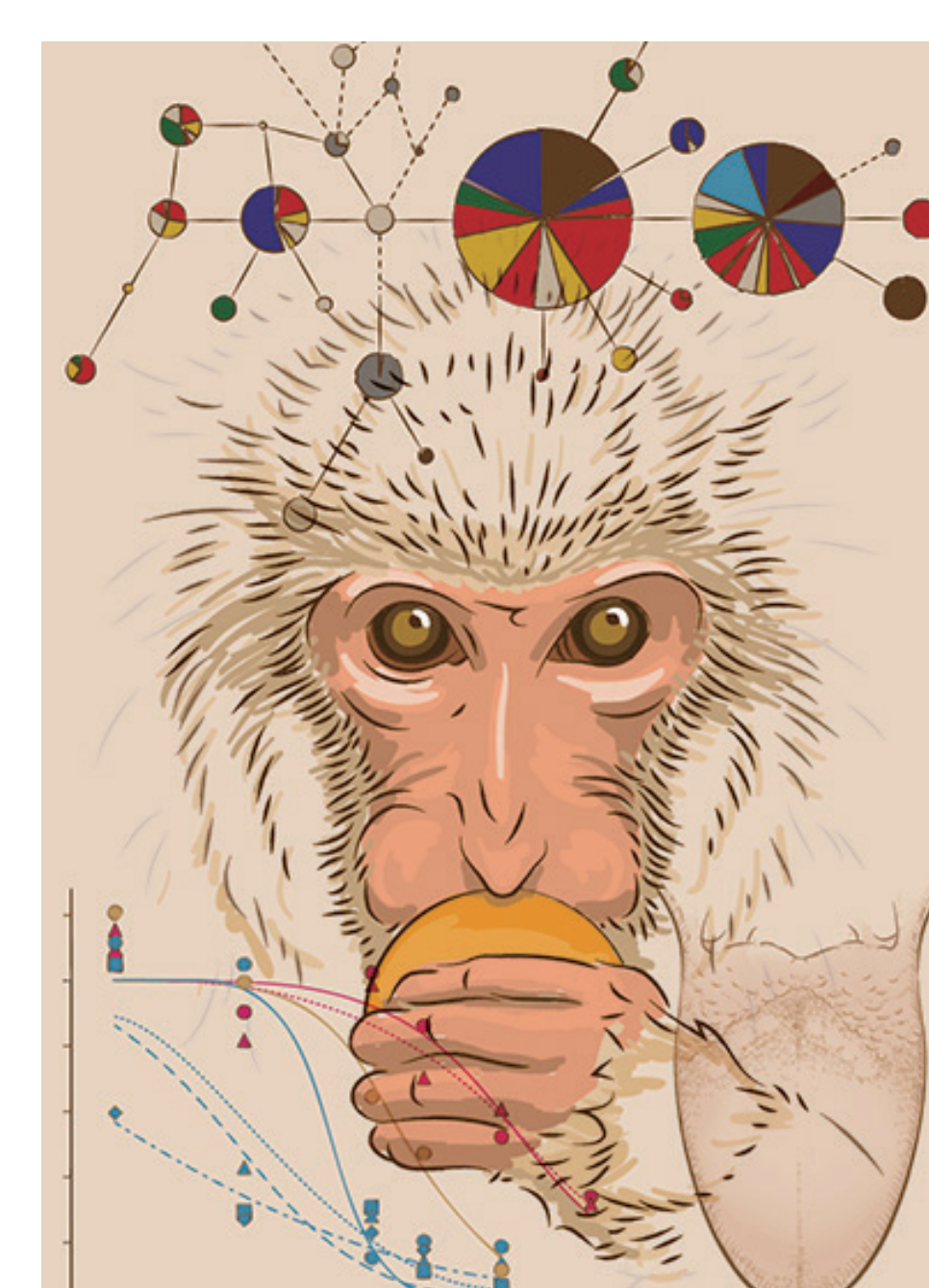
#2 Credit: Faculty of Dentistry, TMDU

A **journal cover-illustration** that depicts cellular membranes with both scientific and artistic elements.



#3 Illustration by: Tomoyuki Narashima

An **image-illustration for a press release** that provides a visual impact to the readers in a viewer-friendly way.



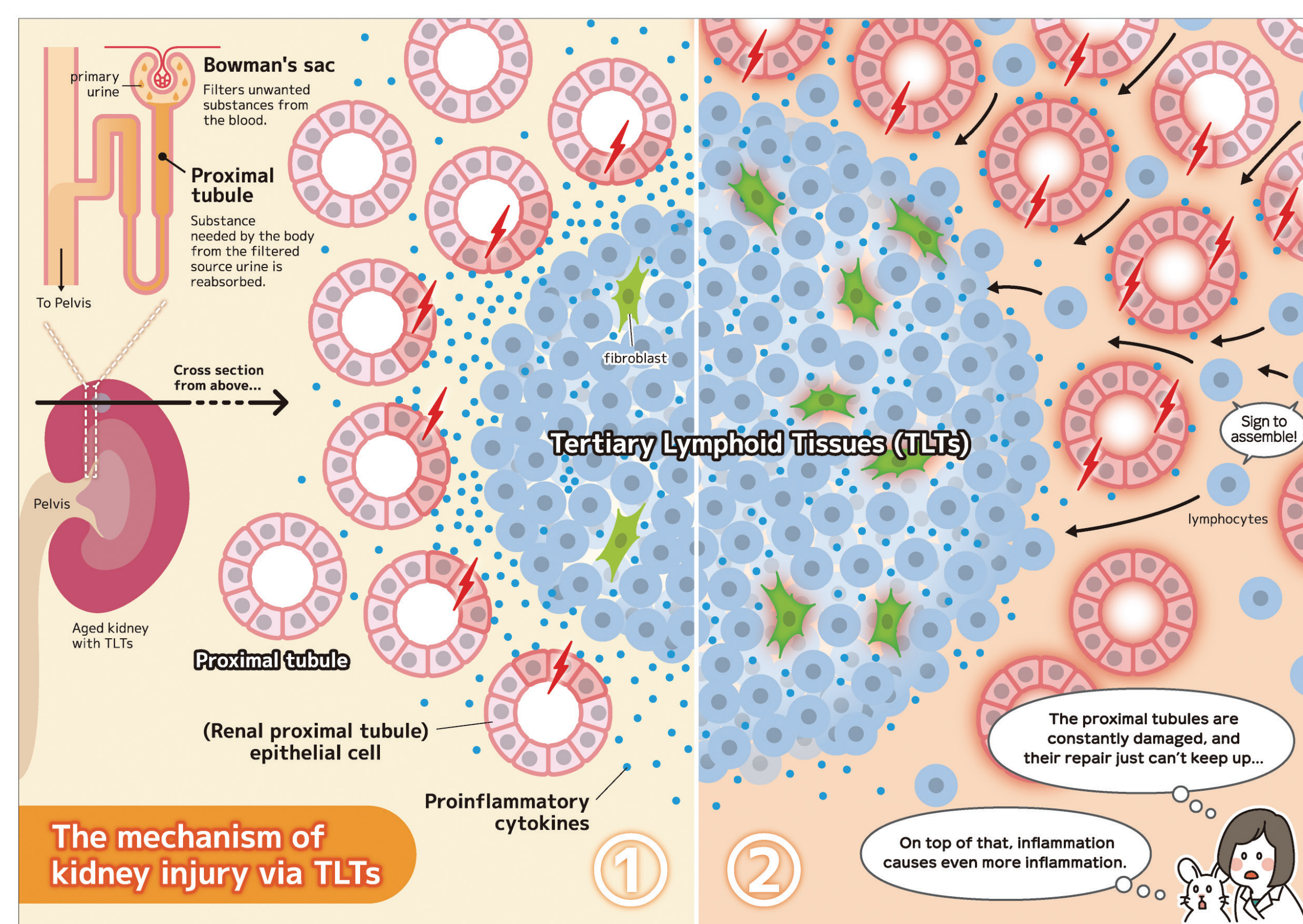
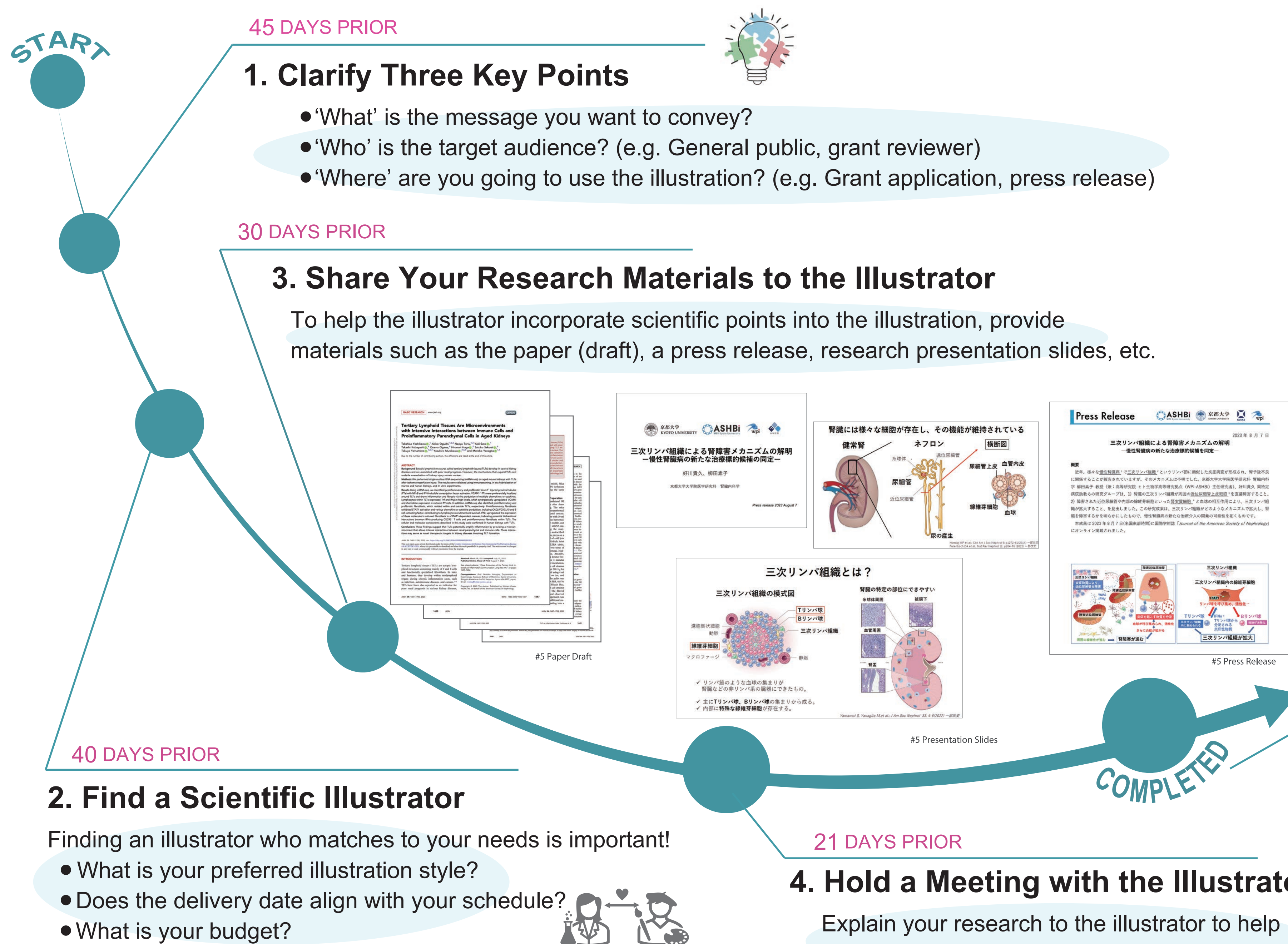
#4 Credit: KyotoU

## How We Create Scientific Illustrations with Professional Scientific Illustrators

### Creating scientific illustration is not as complicated as you think!

Example of the creation process of a scientific illustration supported by ASHBi Research Acceleration

You can smoothly incorporate an engaging scientific illustration into your work by following just a few steps!



Illustrated by Hiroko Uchida

#6 Credit: Hiroko Uchida

DAY 0, Price: Approximately ¥110,000

### 5. Scientific Illustration Created!

This illustration conceptually depicts two main findings of the research:  
1) The direct damage to the proximal tubule by the TLTs (on the left side)  
2) The expansion of the TLTs due to the interaction of blood cells with impaired proximal tubules and fibroblast (on the right side)

[Purpose] Press Release  
[Target] General Public  
[Paper Information] T. Yoshikawa et al. (2023) JASN

Feel Free to Take One!



## Create Scientific Illustrations Now: Some Examples from ASHBi's Press Releases

EXAMPLES: Scientific illustrations supported by ASHBi Research Acceleration Unit

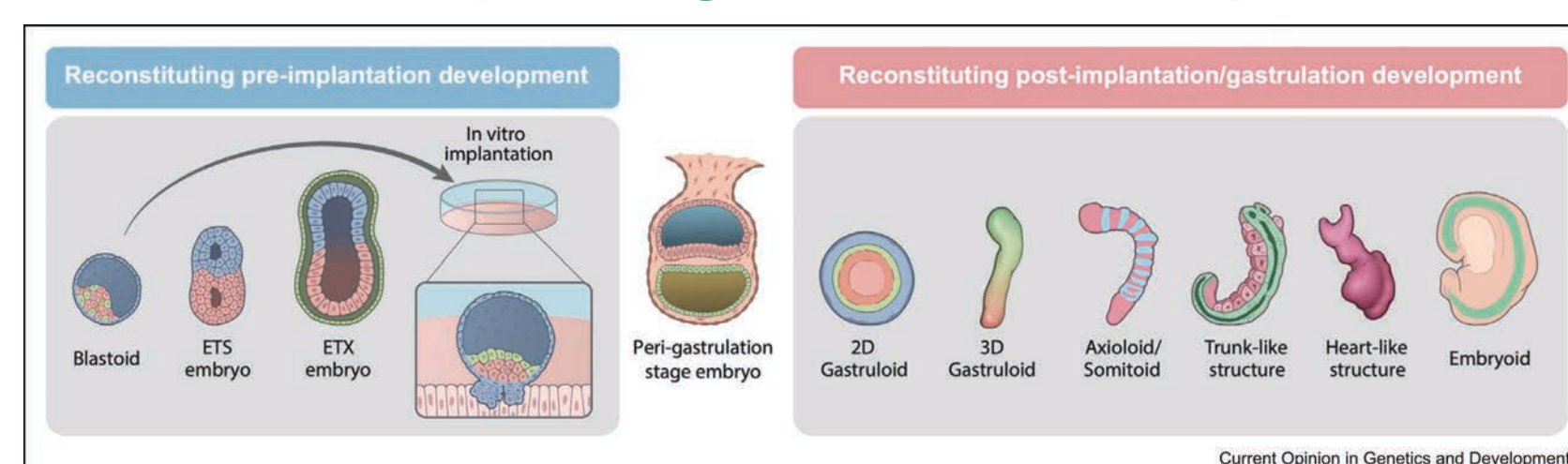
🕒 Time of creation

💰 Approximate Price

#### Conceptual Figure for Review Paper

🕒 1 Month

💰 ¥ 300,000

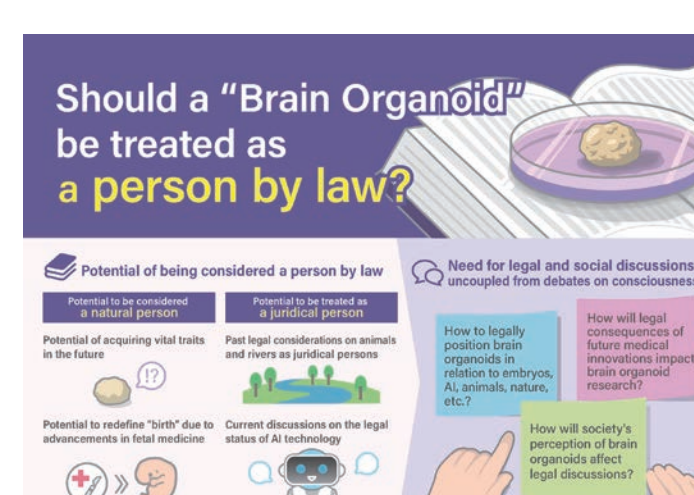


#7 Credit: Current Opinion in Genetics and Development, Illustration by: LAIMAN

#### Graphical Abstract for Press Release

🕒 1 Month

💰 ¥ 130,000

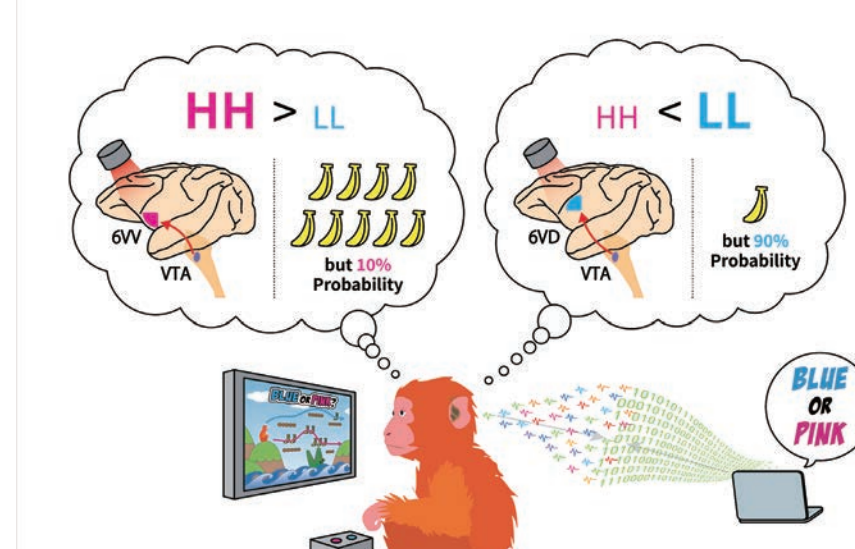


#8 Credit: LAIMAN-ARIGA

#### Conceptual Figure for Press Release

🕒 1 Month

💰 ¥ 90,000



#9 Credit: Trais

#### Reference

#1 Credit: Yanagita Group (KyotoU)/LAIMAN-ARIGA/ T. Yoshikawa et al. *Journal of the American Society of Nephrology* (2023). DOI: <https://doi.org/10.1681/ASN.0000000000000202>  
#2 Credit: Faculty of Dentistry, TMDU/ Liu et al. *Nature Communications* (2023). DOI: <https://doi.org/10.1038/s41467-024-4674-2>  
#3 Illustration by: Tomoyuki Narashima/ *Science*, 258, 861-1056. (1992)  
#4 Credit: KyotoU/ N. Suzuki-Hashido et al. *PLOS ONE* 10(7):e0132016 (2015). DOI: <http://dx.doi.org/10.1371/journal.pone.0132016>

#5 ASHBi Yanagita Group's press release material; T. Yoshikawa et al. *Journal of the American Society of Nephrology* (2023). DOI: <https://doi.org/10.1681/ASN.0000000000000202>  
#6 Credit: Hiroko Uchida/ T. Yoshikawa et al. *Journal of the American Society of Nephrology* (2023) DOI: <https://doi.org/10.1681/ASN.0000000000000202>  
#7 Credit: Current Opinion in Genetics and Development, Illustration by: LAIMAN/ Yamanaka Y. et al. *Current Opinion in Genetics and Development* (2023) DOI: <https://doi.org/10.1016/j.gde.2022.101985>  
#8 Credit: LAIMAN-ARIGA/ M. Kataoka et al. *Journal of Law and the Biosciences* (2023) DOI: <https://doi.org/10.1093/jlb/lad007>  
#9 Credit: Trais/ R. Sasaki et al. *Science* (2024) DOI: <https://doi.org/10.1126/science.ad6645>

#### Acknowledgement

I am grateful to members of the ASHBi Research Acceleration Unit (Dr. Tadashi Ogawa, Dr. Spyros Goulas and Mr. Makoto Shida) and Dr. Hiromi Sumita at LiMe/KU for their expertise and critical discussion. Our activity has been supported by the World Premier International Research Center Initiative, JSPS.