



Confirmation of Publication and Licensing Rights - Open Access

November 14th, 2025

Subscription Type: Student Plan - Academic
Agreement number: AO28ZVLQFY
Publisher Name: World Journal of Gastroenterology

Figure Title: HCC

Citation to Use: Created in BioRender. Zhang, M. (2025) <https://BioRender.com/sit9p64>

To whom this may concern,

This document ("Confirmation") hereby confirms that Science Suite Inc. dba BioRender ("BioRender") has granted the following BioRender user: Mingyang Zhang ("User") a BioRender Academic Publication License in accordance with BioRender's [Terms of Service](#) and [Academic License Terms](#) ("License Terms") to permit such User to do the following on the condition that all requirements in this Confirmation are met:

- 1) publish their Completed Graphics created in the BioRender Services containing both User Content and BioRender Content (as both are defined in the License Terms) in publications (journals, textbooks, websites, etc.); and
- 2) sublicense such Completed Graphics under "open access" publication sublicensing models such as CC-BY 4.0 and more restrictive models, so long as the conditions set forth herein are fully met.

Requirements of User:

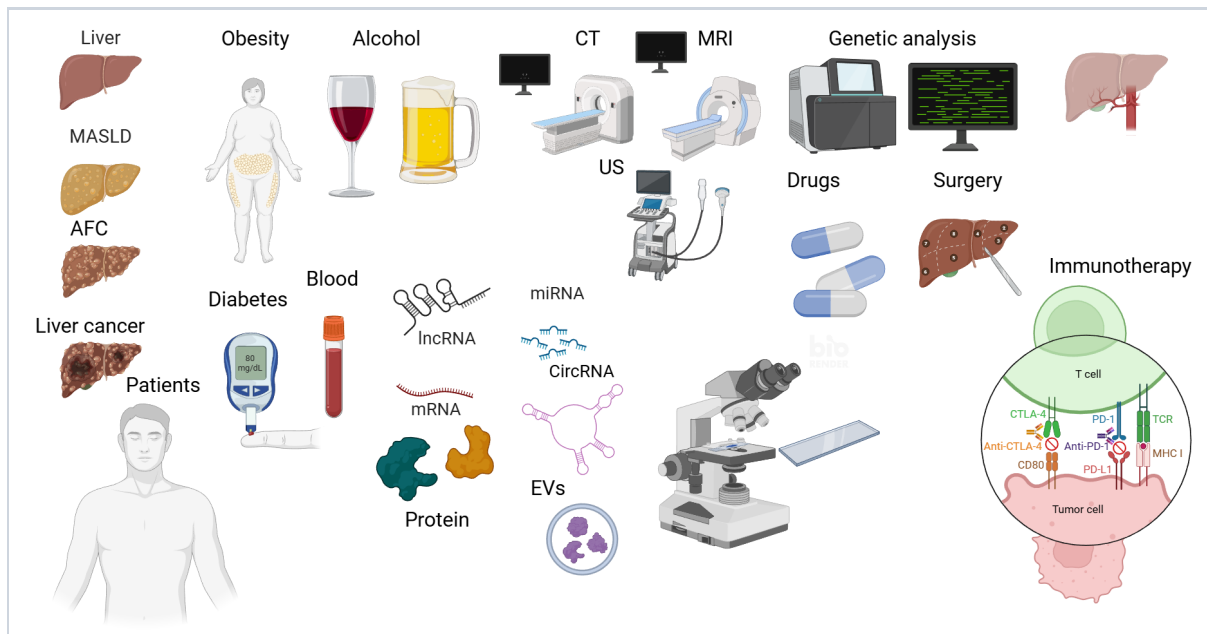
- 1) All Completed Graphics to be published in any publication (journals, textbooks, websites, etc.) must be accompanied by the following citation either as a caption, footnote or reference for each figure that includes a Completed Graphic:
"Created in BioRender. Zhang, M. (2025) <https://BioRender.com/sit9p64>".
- 2) All terms of the License Terms including all Prohibited Uses are fully complied with. E.g. For Academic License Users, no commercial uses (beyond publication in journals, textbooks or websites) are permitted without obtaining or switching to a BioRender Industry Plan.
- 3) A Reader (defined below) may request that the User allow their figure to be a public template for Readers to view, copy, and modify the figure. It is up to the User to determine what level of access to grant.

Open-Access Journal Readers:

Open-Access journal readers ("Reader") who wish to view and/or re-use a particular Completed Graphic in an Open-Access journal subject to CC-BY sublicensing may do so by clicking on the URL link in the applicable citation for the subject Completed Graphic.

The re-use/modification options below are available after the Reader requests the User to adapt their figure as a BioRender template and the User has granted such access.

- 1) **View-Only/Free Plan Use:** A Reader who wishes to only view the Completed Graphic may do so in the BioRender Services as either a BioRender Free Plan user or simply as a viewer. By becoming a BioRender Free Plan user, the Reader may view, modify and re-use the Completed Graphic as permitted under BioRender's [Basic License Terms](#) (e.g. personal use only, no publishing or commercial use permitted).
- 2) **Re-Use/Publish with No Modifications:** For any re-use and re-publication of a Completed Graphic with no modification(s) to the Completed Graphic made by the Reader, a Reader may do so by citing the original author using the citation noted above with the Completed Graphic. The Reader must also comply with the underlying License Terms which apply to the Completed Graphic as noted above (e.g. no commercial use for Academic License).
- 3) **Re-Use/Publish with Modifications:** For any re-use and re-publication of a Completed Graphic with a modification(s) made by the Reader, the Reader may do so by becoming a BioRender user themselves under either an Academic or Industry Plan, citing the original author using the citation noted above with the Completed Graphic and complying with the applicable License Terms.



For any questions regarding this document, or other questions about publishing with BioRender, please refer to our [BioRender Publication Guide](#), or contact BioRender Support at support@biorender.com.



2nd Floor, Block B, No. 91,
Tiancheng Road, Shangcheng District,
Hangzhou City, Zhejiang Province
www.figdraw.com

Copyright Authorization Certificate

November 14, 2025

Journal name:

Author:

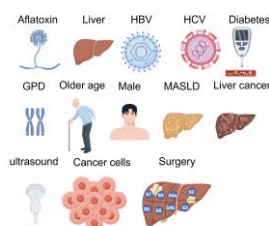
Copyright Code: OOAPR332b4

To whom this may concern,

This document serves as a formal confirmation that the original figures and elements displayed below, created on www.figdraw.com, have been authorized for use.

FigDraw is a platform that specializes in the creation of unique and original figures and elements. We take immense pride in our designs and encourage their utilization in scholarly articles. It is mandatory that all graphics created using our platform are accompanied by the citation: "by figdraw.com".

We hereby confirm that the images displayed below have been granted explicit permission for publication by FigDraw. Please note that the FigDraw content included in the completed graphic below is not licensed for any commercial uses beyond publication in a journal.



Should you have any queries regarding the above document, please refer to user guide on our official website at www.figdraw.com.

回复: Request for Permission to Adapt Figure for Publication Figure 3A

收件人: 张明洋

时间: 2025-12-1 20:57:54

附件:

OK

礼! 致

何勇(He Yong)

浙江大学数字农业农村研究中心主任
农业农村部光谱检测重点实验室主任
2016-2018 Highly Cited Researcher (Clarivate Analytics)
SCI期刊Computers and Electronics in Agriculture主编
[Journal of Agriculture and Food Research](#) 创刊主编
通讯地址: 杭州市余杭区... 生工食品学院农生环大楼D631室, 邮编: ...
Prof. Dr. He Yong
Director of Digital Agriculture Research Center
Zhejiang University
866 Yuhangtang Road, Hangzhou 310058
Zhejiang, P.R.China

T: ...
E: ...

发件人: 张明洋

发送时间: 2025-12-01 15:20

收件人:

主题: Request for Permission to Adapt Figure for Publication

Dear Prof. He,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 2 from your paper titled "Identification of Bacterial Blight Resistant Rice Seeds Using Terahertz Imaging and Hyperspectral Imaging Combined With Convolutional Neural Network", published in *Frontiers in Plant Science*.

We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Mingyang Zhang

Re: Request for Permission to Adapt Figure for Publication **Figure 3B**

收件人: 张明洋

时 间: 2025-11-19 17:53:32

附 件:

Dear Dr. Zhang,

Thank you very much for reaching out and for your interest in our work.

I am pleased to hear about your upcoming review article on deep learning techniques for CT imaging in hepatocellular carcinoma—this is an important and impactful topic.

Regarding your request, you have our full permission to adapt and include Figure 1 from our paper "Enhancing 3D Lung Infection Segmentation with 2D U-Shaped Deep Learning Variants" published in *Applied Sciences*. I appreciate your thoughtful approach in maintaining the original intent of the figure while tailoring it to your review. I also thank you for ensuring proper citation and acknowledgment of the source.

I wish you and your colleagues every success with the manuscript, and I look forward to seeing the published review.

Please feel free to contact me if you need any additional clarification or support.

Best Regards,

Dr. Anindya Apriliyanti Pravitasari, M.Si

Head of Research Center for Artificial Intelligence and Big Data,
Universitas Padjadjaran.

Lecturer in Department of Statistics,
Faculty of Mathematics and Natural Sciences,
Universitas Padjadjaran.

Phone

Email

On Wed, Nov 19, 2025, 16:07 张明洋

Dear Prof. Pravitasari,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 1 from your paper titled "Enhancing 3D Lung Infection Segmentation with 2D U-Shaped Deep Learning Variants" published in *Applied Sciences*. We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

2025/12/1 下午3:24

回复: Request for Permission to Adapt Figure for Publication

回复: Request for Permission to Adapt Figure for Publication **Figure 3C and D**

密扬

收件人: 张明洋 <

时 间: 2025-12-1 15:18:25

附 件:

您好!

很高兴收到您的邮件，同意您在合理范围内引用我论文中的相关图片。

请您在使用时务必注明图片来源，引用内容需符合学术规范，仅用于非商业性的学术研究、教学等合法用途。

感谢您的认可与尊重，祝您研究顺利!

张明洋 < 在 W

Dear Prof. Mi,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 4 from your paper titled "3D human pose data augmentation using Generative Adversarial Networks for robotic-assisted movement quality assessment" published in *Frontiers in Neurorobotics* (DOI). We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

Mingyang Zhang

2025/11/20 下午4:37

回复: Request for Permission to Adapt Figure for Publication

回复: Request for Permission to Adapt Figure for Publication **Figure 3E**

冯金

收件人: 张明洋

时 间: 2025-11-20 16:29:59

附 件:

Mr. Zhang, feel free to use this figure
in your paper!

需要我把这句话配不同聊天语气（比如更随意的朋友间表达、略带提醒的口吻）再调整几个版本吗？

张明洋 <

Dear Prof. Feng,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 5 from your paper titled "Compressing recognition network of cotton disease with spot-adaptive knowledge distillation" published in *Frontiers in Plant Science* (T). We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

Mingyang Zhang

Re: Request for Permission to Adapt Figure for Publication Figure 3F

이민혁 <[REDACTED]>

收件人: [REDACTED]

时 间: 2025-11-20 15:55:52

附 件:

Dear Mingyang Zhang,

Thank you for reaching out and for your interest in our work.

Please feel free to use the adapted figure in your review article. Given the modifications you've made to fit the context of your manuscript, I believe formal permission is not strictly necessary. However, I appreciate your courtesy in asking, and I'm happy to grant you permission to include it.

Please simply cite the original source appropriately, as you mentioned, and that will be sufficient.

I wish you the best with your review article for the World Journal of Gastroenterology.

Best regards,

Minhyeok Lee

Minhyeok Lee, Ph. D.

Assistant Professor,

School of Electrical & Electronics Engineering,

Chung-Ang University,

Seoul, Korea

보낸 사람: 张明洋 <[REDACTED]>

보낸 날짜: 2025년 11월 19일 수요일 오후 6:43

받는 사람: 이민혁 <[REDACTED]>

제목: Request for Permission to Adapt Figure for Publication

Dear Prof. Lee,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 1A from your paper titled "Transformer Architecture and Attention Mechanisms in Genome Data Analysis: A Comprehensive Review" published in *Biology* (<https://doi.org/10.3390/biology11112187>). We have made modest modifications to the figure to better align with

2025/11/20 下午4:01

Re: Request for Permission to Adapt Figure for Publication

the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

Mingyang Zhang

Re: Request for Permission to Adapt Figure for Publication **Figure 3G**

"Dr Vaibhav K Singh"

收件人: 张明洋

时 间: 2025-11-27 18:27:41

附 件:

Hi,

Please redesign your figure. I have no objection to using it and hence I am permitting the same.

Thanks and best wishes,

Dr. Vaibhav Kumar Singh, A.R.S., Ph.D

Fellow, ISGPB | Fellow, SAWBAR | Fellow, ASA | Fellow, ISEE | Member, IARI Media Cell

Senior Scientist | Wheat Pathology Laboratory | Division of Plant Pathology

ICAR-Indian Agricultural Research Institute (IARI)

(DARE, Ministry of Agriculture & Farmers Welfare, Government of India)

New Delhi - 110 012, INDIA

Cell: +91 11 2582 3111 Phone: +91 11 2582 3111

Email: vaibhav.singh@iari.res.inWebsite: www.iari.res.in

F

On Wed, Nov 26, 2025 at 1:34 PM 张明洋

Dear Prof. Singh,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 3 from your paper titled "Automated severity level estimation of wheat rust using an EfficientNet-CBAM hybrid model" published in *Frontiers in Plant Science*. We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

Mingyang Zhang

回复: Request for Permission to Adapt Figure for Publication Figure 3A

收件人: 张明洋

时间: 2025-12-1 20:57:54

附件:

OK

礼! 致

何勇(He Yong)

浙江大学数字农业农村研究中心主任
农业农村部光谱检测重点实验室主任
2016-2018 Highly Cited Researcher (Clarivate Analytics)
SCI期刊Computers and Electronics in Agriculture主编
[Journal of Agriculture and Food Research](#) 创刊主编
通讯地址: 杭州市余杭区... 生工食品学院农生环大楼D631室, 邮编: ...
Prof. Dr. He Yong
Director of Digital Agriculture Research Center
Zhejiang University
866 Yuhangtang Road, Hangzhou 310058
Zhejiang, P.R.China
T: ...
E-mail: ...

发件人: 张明洋

发送时间: 2025-12-01 15:20

收件人:

主题: Request for Permission to Adapt Figure for Publication

Dear Prof. He,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 2 from your paper titled "Identification of Bacterial Blight Resistant Rice Seeds Using Terahertz Imaging and Hyperspectral Imaging Combined With Convolutional Neural Network", published in *Frontiers in Plant Science*.

We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Mingyang Zhang

Re: Request for Permission to Adapt Figure for Publication **Figure 3B**

收件人: 张明洋

时 间: 2025-11-19 17:53:32

附 件:

Dear Dr. Zhang,

Thank you very much for reaching out and for your interest in our work.

I am pleased to hear about your upcoming review article on deep learning techniques for CT imaging in hepatocellular carcinoma—this is an important and impactful topic.

Regarding your request, you have our full permission to adapt and include Figure 1 from our paper "Enhancing 3D Lung Infection Segmentation with 2D U-Shaped Deep Learning Variants" published in *Applied Sciences*. I appreciate your thoughtful approach in maintaining the original intent of the figure while tailoring it to your review. I also thank you for ensuring proper citation and acknowledgment of the source.

I wish you and your colleagues every success with the manuscript, and I look forward to seeing the published review.

Please feel free to contact me if you need any additional clarification or support.

Best Regards,

Dr. Anindya Apriliyanti Pravitasari, M.Si

Head of Research Center for Artificial Intelligence and Big Data,
Universitas Padjadjaran.

Lecturer in Department of Statistics,
Faculty of Mathematics and Natural Sciences,
Universitas Padjadjaran.

Phone

Email

On Wed, Nov 19, 2025, 16:07 张明洋

Dear Prof. Pravitasari,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 1 from your paper titled "Enhancing 3D Lung Infection Segmentation with 2D U-Shaped Deep Learning Variants" published in *Applied Sciences*. We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

2025/12/1 下午3:24

回复: Request for Permission to Adapt Figure for Publication

回复: Request for Permission to Adapt Figure for Publication Figure 3C and D

密扬

收件人: 张明洋 <

时 间: 2025-12-1 15:18:25

附 件:

您好!

很高兴收到您的邮件，同意您在合理范围内引用我论文中的相关图片。

请您在使用时务必注明图片来源，引用内容需符合学术规范，仅用于非商业性的学术研究、教学等合法用途。

感谢您的认可与尊重，祝您研究顺利!

张明洋 < > 在 W < >:

Dear Prof. Mi,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 4 from your paper titled "3D human pose data augmentation using Generative Adversarial Networks for robotic-assisted movement quality assessment" published in *Frontiers in Neurorobotics* (DOI: < >). We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

Mingyang Zhang

2025/11/20 下午4:37

回复: Request for Permission to Adapt Figure for Publication

回复: Request for Permission to Adapt Figure for Publication **Figure 3E**

冯金

收件人: 张明洋

时 间: 2025-11-20 16:29:59

附 件:

Mr. Zhang, feel free to use this figure
in your paper!

需要我把这句话配不同聊天语气 (比如更随意的朋友间表达, 略带提醒的口吻) 再调整几个版本吗?

张明洋 <

Dear Prof. Feng,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 5 from your paper titled "Compressing recognition network of cotton disease with spot-adaptive knowledge distillation" published in *Frontiers in Plant Science* (T). We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

Mingyang Zhang

Re: Request for Permission to Adapt Figure for Publication Figure 3F

이민혁 <[REDACTED]>

收件人: [REDACTED]

时 间: 2025-11-20 15:55:52

附 件:

Dear Mingyang Zhang,

Thank you for reaching out and for your interest in our work.

Please feel free to use the adapted figure in your review article. Given the modifications you've made to fit the context of your manuscript, I believe formal permission is not strictly necessary. However, I appreciate your courtesy in asking, and I'm happy to grant you permission to include it.

Please simply cite the original source appropriately, as you mentioned, and that will be sufficient.

I wish you the best with your review article for the World Journal of Gastroenterology.

Best regards,

Minhyeok Lee

Minhyeok Lee, Ph. D.

Assistant Professor,

School of Electrical & Electronics Engineering,

Chung-Ang University,

Seoul, Korea

보낸 사람: 张明洋 <[REDACTED]>

보낸 날짜: 2025년 11월 19일 수요일 오후 6:43

받는 사람: 이민혁 <[REDACTED]>

제목: Request for Permission to Adapt Figure for Publication

Dear Prof. Lee,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 1A from your paper titled "Transformer Architecture and Attention Mechanisms in Genome Data Analysis: A Comprehensive Review" published in *Biology* (<https://doi.org/10.3390/biology11112187>). We have made modest modifications to the figure to better align with

2025/11/20 下午4:01

Re: Request for Permission to Adapt Figure for Publication

the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

Mingyang Zhang

Re: Request for Permission to Adapt Figure for Publication **Figure 3G**

"Dr Vaibhav K Singh"

收件人: 张明洋

时 间: 2025-11-27 18:27:41

附 件:

Hi,

Please redesign your figure. I have no objection to using it and hence I am permitting the same.

Thanks and best wishes,

Dr. Vaibhav Kumar Singh, A.R.S., Ph.D

Fellow, ISGPB | Fellow, SAWBAR | Fellow, ASA | Fellow, ISEE | Member, IARI Media Cell

Senior Scientist | Wheat Pathology Laboratory | Division of Plant Pathology

ICAR-Indian Agricultural Research Institute (IARI)

(DARE, Ministry of Agriculture & Farmers Welfare, Government of India)

New Delhi - 110 012, INDIA

Cell: +91 11 2582 3111 Phone: +91 11 2582 3111

Email: vaibhav.singh@iari.res.inWebsite: www.iari.res.in

F

On Wed, Nov 26, 2025 at 1:34 PM 张明洋

Dear Prof. Singh,

My colleagues and I at Nanchang University are currently preparing a review article titled "Deep learning techniques for using computed tomography imaging for hepatocellular carcinoma diagnosis, treatment and prognosis," which we plan to submit to the *World Journal of Gastroenterology*.

In this context, we would like to respectfully request your permission to adapt Figure 3 from your paper titled "Automated severity level estimation of wheat rust using an EfficientNet-CBAM hybrid model" published in *Frontiers in Plant Science*. We have made modest modifications to the figure to better align with the focus of our review, while fully preserving the original intent and logic. The adapted version is attached for your reference.

We would be truly grateful if you could grant us formal approval to include this adapted figure in our manuscript, with appropriate citation and acknowledgment of the original source.

Thanks for your kindness.

Best regards,

Mingyang Zhang