

# American Physiological Society

Toward an Equitable and Sustainable  
Open Access Future

**PARTNER**<sup>TM</sup>  
**WITH**  
**PURPOSE**



**Colette E. Bean**  
Chief Publishing Officer  
November 19, 2024

# アメリカ生理学会

公平で持続可能な  
オープンアクセスの未来に向けて

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**Colette E. Bean**  
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# Who is APS?

- Non-profit publisher of 16 scientific journals
- APS reinvests all income with publications funding ~70% of operating budget
- APS governed by a member leader Board and driven by Strategic Goals
- Publish with Purpose™ Campaigns started in 2019:
  - When publishing with APS, researchers make a purposeful choice to support a community of scientists and educators dedicated to solving major problems that affect life and health.



# APSとは？

- 16誌の科学雑誌を発行する非営利出版社
- 出版事業から得られる全収入を再投資し、運営予算の70%を賄っている
- APSメンバーによる理事会によって運営され、戦略的目標に向かって動いている
- 2019年からPublish with Purpose™ キャンペーンを開始：**When publishing with APS, researchers make a purposeful choice to support a community of scientists and educators dedicated to solving major problems that affect life and health.**



# A mission driven organization

## Vision: The future we want to create.

Physiology is foundational to advancing scientific discovery in the life sciences.

## Mission: Why we exist.

Empowering scientists to understand life and improve health by advancing and communicating discoveries in physiology and medicine.

## Values: How we behave in the world.

Scientific excellence

Accountability

Welcoming community

Innovation

Respect and collegiality



<https://www.physiology.org/about/governance/Strategic-Plan?SSO=Y>

# 使命に基づき行動する組織

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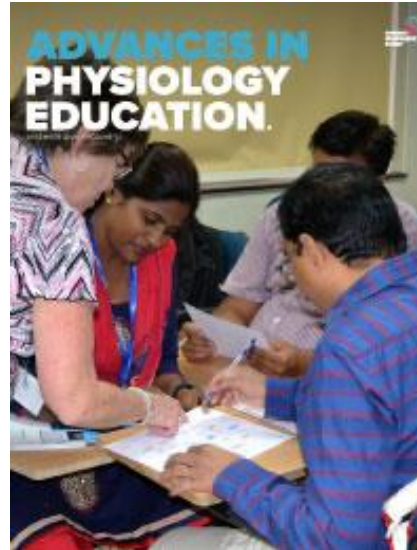
Respect and collegiality



<https://www.physiology.org/about/governance/Strategic-Plan?SSO=Y>

# Our history with Open Access

- Content openly available on our platform with a 12-month embargo for many years
- Optional Gold OA offered
- Sponsor an education journal that is free to read and to publish
- Partnered to launch our first Gold OA journal 10 years ago and a second Gold OA journal 5 years ago
- Launched Read, Publish and Join Pilot in 2020



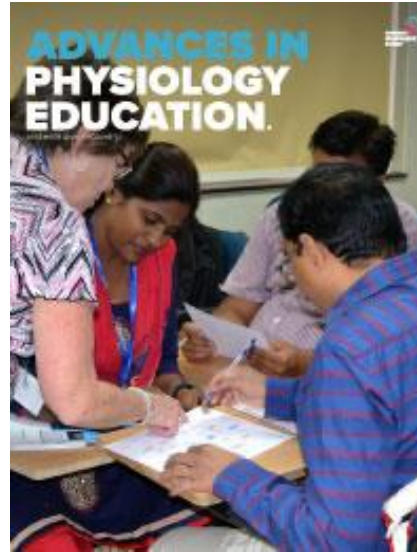
## READ, PUBLISH & JOIN

Introducing an innovative, first-of-its-kind custom publishing model  
The new model bundles reading and publishing under an annual fee  
with the added bonus of membership for authors who publish with APS.



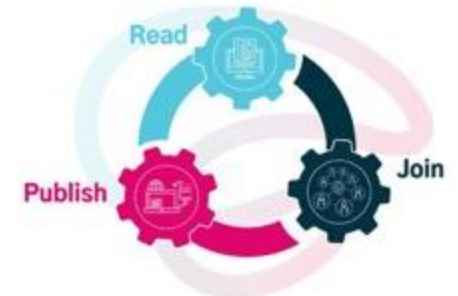
# APSとオープンアクセス

- 12ヶ月のエンバーゴ期間を経て、コンテンツはプラットフォーム上でオープンとなる
- オプションとしてゴールドOAも選択可能
- 購読、出版が無償の教育ジャーナルのスポンサー
- 10年前に最初のゴールドOAジャーナル、5年前に2番目のゴールドOAジャーナルを立ち上げ
- 2020年にRead, Publish and Joinパイロットを開始



## READ, PUBLISH & JOIN

Introducing an innovative, first-of-its-kind custom publishing model  
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# Promoting the Benefits of Open Access

Educate to  
Drive Change



NUMBER OF SELF-PUBLISHED OPEN ACCESS ARTICLES 2021 – 2023*						
	2021		2022		2023	
	No. OA	% OA	No. OA	% OA	No. OA	% OA
<b>Research Articles</b>	145	8%	158	12%	197	14%
<b>Reviews</b>	25	7%	26	7%	41	14%
<b>Editorials</b>	2	1%	5	3%	5	3%
<b>Total</b>	<b>172</b>	<b>7%</b>	<b>189</b>	<b>10%</b>	<b>243</b>	<b>13%</b>

\*Self-published journals. Based on date paid.

5 years ago, Gold OA was ~ 2% of our output. Education, awareness campaigns, and increased funder requirements have still yielded relatively slow OA growth of ~ 3% per year.

# オープンアクセスのメリットを広める

Educate to  
Drive Change



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5年前のゴールドOA出版率は2%程度。その後は教育や意識向上キャンペーン、資金提供団体の要件増加もあったが、OAの成長は比較的緩やかで、年3%程度。

# Japan is an essential partner to successfully enable open access to APS publications

## Subscriptions

Japanese institutions represent the **second largest subscribing country** after the US for APS journals

## APS Readers

Japan is **#4 in Article Usage** of APS journal content

## APS Submissions

Japanese authors are the **4th in submissions** to APS journals



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# APS出版物のオープンアクセス化の達成において 日本は不可欠なパートナー

## アメリカに次ぐ世界2位の購読数

Japanese institutions represent the **second largest subscribing country** after the US for APS journals



## 世界で4番目に利用が多い

Japan is **#4 in Article Usage** of APS journal content

## 世界で4番目に論文投稿が多い

Japanese authors are the **4th in submissions** to APS journals

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# Top APS publishing universities from **Japan**

Special collection  
celebrating research  
APS has published  
from Japan:



<https://journals.physiology.org/research-from-japan>



# APS誌への投稿がトップの日本の大学

Special collection  
celebrating research  
APS has published  
from Japan:



<https://journals.physiology.org/research-from-japan>



# APS Open Access Considerations

- Staff and journal portfolio size
- Publication volume
- Equity and access challenges for our community with Open Access Article Processing Charges
- Transformative agreements don't scale well for small publishers
- Continuous investments needed to serve our community
- Value of the Version of Record
- Long-term sustainability is an essential component to ensure APS, and the discipline continues to thrive



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## APS オープンアクセスの考察

- スタッフとジャーナル・ポートフォリオのサイズ
- 出版量
- オープンアクセス論文投稿料に関するコミュニティにとっての公平性とアクセスへの課題
- 小規模出版社にとって転換契約は適さない
- コミュニティへの貢献に必要な継続的投資
- Version of Recordの価値
- 長期的な持続可能性は、APSとこの研究分野の発展に不可欠



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**Coming in 2025!**  
**Our New Model Will Support OA  
Policy Requirements  
in Japan**



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# 2025年に登場！ 日本のOA政策に対応する新モデル

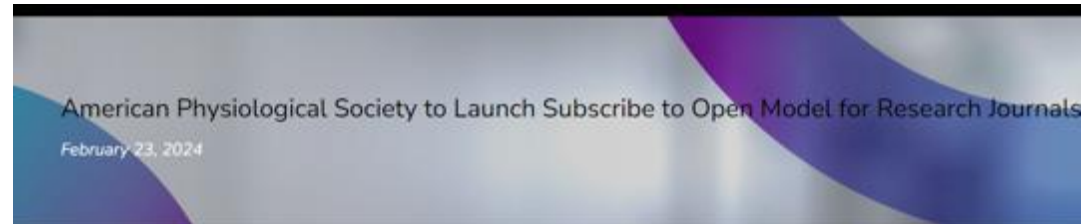


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- APS will adopt the **Subscribe to Open (S2O)**
- Includes all **10 self-published** primary research journals
- By **2025**



Home / News

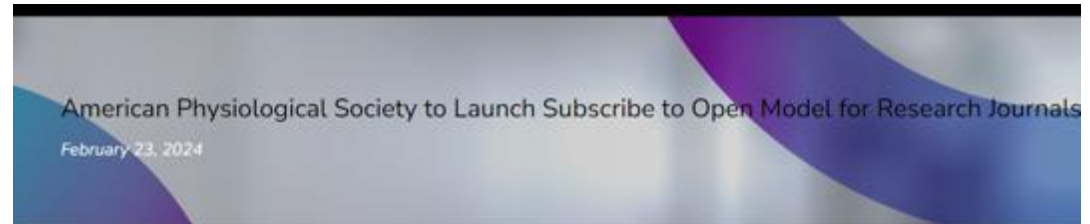
Rockville, Md. (February 23, 2024)—The American Physiological Society (APS), a nonprofit organization that publishes 16 scientific journals highlighting critical advances in physiology and related fields, announces a strategic shift to a Subscribe to Open (S2O) publishing model. As part of its mission to advance scientific discovery, understand life and improve health, APS is working closely with the library community to implement this open access publishing model, beginning in 2025, for 10 of the Society's primary research journals.

APS is committed to championing physiology by extending the discipline's reach worldwide. Partnering with the community to adopt S2O will enable the Society to facilitate a transition to open access publishing without adding article processing charges (APCs). APS



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- APSはSubscribe to Open (S2O)を開始
- 自社出版の10誌の研究雑誌が対象
- 2025年スタート



Home / News

Rockville, Md. (February 23, 2024)—The American Physiological Society (APS), a nonprofit organization that publishes 16 scientific journals highlighting critical advances in physiology and related fields, announces a strategic shift to a Subscribe to Open (S2O) publishing model. As part of its mission to advance scientific discovery, understand life and improve health, APS is working closely with the library community to implement this open access publishing model, beginning in 2025, for 10 of the Society's primary research journals.

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# aps subscribe to open

## How S2O Works

- **Transforms** library subscriptions to facilitate OA publishing
- No Open Access Article Processing Charges (**No APCs**)
- If enough **institutions subscribe** to our research journals, **APS opens content** that year
- If a journal **does not** meet a subscription threshold, **it remains gated**, with continued access for paying subscribers plus an OA guarantee for authors at institutions taking our packages



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## S2Oの仕組み

- 図書館の購読契約をOA出版促進モデルへ転換
- オープンアクセス論文投稿料なし（APCなし）
- 必要数の機関がAPSの研究ジャーナルを購読すれば、APSはその年のコンテンツをオープン化する
- ジャーナルの購読数が必要数に達しない場合、そのジャーナルはオープン化されず、契約機関のみ閲覧可能。APSのジャーナルパッケージ購読機関に所属する著者は契約誌へのOA投稿が可能。



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## Which APS Journals will be participating in Subscribe to Open?

APS **10 self-published primary research journals** will participate in Subscribe to Open (S2O)

- All seven *American Journal of Physiology* Journals
- *Journal of Applied Physiology*
- *Journal of Neurophysiology*
- *Physiological Genomics*





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## Subscribe to Openに参加するAPSジャーナル

APSが出版する以下の10誌が  
Subscribe to Open(S2O)の対象  
となります。

- *American Journal of Physiology* シリーズ 全7誌
- *Journal of Applied Physiology*
- *Journal of Neurophysiology*
- *Physiological Genomics*







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## Which APS Journals will not be participating in Subscribe to Open?

### APS Review Journals

- Business as usual
- Remain gated
- Free to publish
- Optional APC offered to publish OA



### Advances in Physiology Education

- Free to publish and read

### APS Partner Published Journals

- *Function* (OUP) and *Physiological Reports* (Wiley and TPS) = gold open access with APCs
- *Comprehensive Physiology* (Wiley) = moving to original research in 2025 with gated access and optional APCs





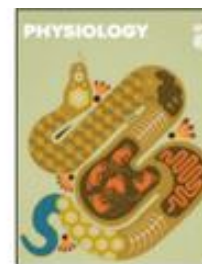
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## Subscribe to Open 対象外のAPSジャーナル

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- Free to publish
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### Advances in Physiology Education

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# Sustainable and Equitable Publishing

## No Open Access Article Processing Charges

- **S2O eliminates barriers to access** and reduces financial burden for authors
- Addresses global inequities and **supports our global community**
- **S2O enables** compliance with funder policies



## A Primary Goal

Ensure authors can meet their funder requirements.



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## 持続可能で公平な出版

### オープンアクセス論文投稿料 (APC) は無料

- S2Oは、アクセスの障壁を取り除き、著者の経済的負担を軽減する
- 世界的な不平等に対処し、グローバル・コミュニティをサポートする
- S2Oにより、研究助成機関の要件に適合



### A Primary Goal

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## APS's exclusive S2O library incentives

- **OA Guarantee** for APS Package Subscribing Customers
- Licensed term access to **APS Legacy content** (volumes from 1889-1998)
- **Special discount** for institutions that commit through long-term agreements by January 31, 2025
- Continuing to subscribe guarantees continued access to APS content





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## APS独自のS2O参加インセンティブ

- APSパッケージのご契約でOA論文の投稿が可能
- 契約期間中はAPSレガシーコンテンツ（1889年から1998年までの巻）へのアクセスを提供
- 2025年1月31日までに長期契約を締結された機関には特別割引を適用
- 購読継続が、APSコンテンツへの継続的なアクセスを保証



## Close partnership with the library community essential in our journey

*As a librarian who advocates for our OA goals at Columbia University, I fully support APS S2O. The S2O model is **the most equitable OA model** because it enables authors to publish their work OA without paying APCs. The S2O model is also beneficial for Libraries - subscription prices are usually cost-neutral, stable and predictable.*

*The model is also **simple for libraries to implement** because administrators aren't required to verify author submissions or add anything new to their acquisition workflows.*

*S2O empowers both institutions and professional societies to support their researchers by increasing the reach and impact of their work and by creating a **more inclusive research community**.*

Katherine Brooks, Collections Librarian, **Columbia University**

## 私たちの旅には図書館コミュニティとの緊密なパートナーシップ が欠かせない

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# Close partnership with our community

**Publish with  
Purpose™**



**Partner with  
Purpose™**



**OA Guarantee  
For Package  
Customers**



**Library  
Advisory Group**



**Transparent  
Reporting**



# コミュニティとの緊密なパートナーシップ

Publish with  
Purpose™



Partner with  
Purpose™



OA Guarantee  
For Package  
Customers



Library  
Advisory Group



Transparent  
Reporting





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## Open Future will Raise Global Collaboration

- Works to **connect all GLOBAL communities** in the scholarly ecosystem
- Open enables **communication of science** to broadest **GLOBAL** audience
- **Champions discipline** by extending reach of research across the **GLOBE**
- **Fair and sustainable publishing**





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## オープンな未来が グローバル・コラボレーションを促進

- 学術エコシステムにおけるすべてのグローバル・コミュニティをつなぐ
- オープンにすることで、科学分野のコミュニケーションを世界中の人々に届けることができる
- 研究を地球規模に広める事で研究分野を盛り立てる
- 公正で持続可能な出版を実現





ありがとうございます