

American Physiological Society

Advancing scientific discovery, understanding life, and
improving health.



APS Origins

- Founded in 1887 by 28 doctors and scientists to promote the advancement of physiology and facilitate interaction among American physiologists
- Five founders — Henry Pickering Bowditch, S. Weir Mitchell, Henry Newell Martin, Russell H. Chittenden and John Green Curtis
- Today, APS is a community of more than 10,000 members from more than 100 countries dedicated to the mission of solving the major problems affecting life and health
- Publisher of 16 globally recognized journals
- Allocates more than \$1.2 million annually in awards, grants and fellowships

Know Your FASEB History

- In addition to APS, which are the other FASEB founding societies?
 - American Society of Biological Chemists (now American Society for Biochemistry and Molecular Biology, ASBMB)
 - American Society for Pharmacology and Experimental Therapeutics (ASPET)

Getting Involved as a Member

Sections

Cardiovascular
Cell and Molecular
Central Nervous System
Water & Electrolyte, Homeostasis

Neural Control & Autonomic Regulation
Endocrinology & Metabolism
Environment & Exercise
Comparative & Evolutionary

Gastrointestinal & Liver
Respiration
Renal
Teaching of Physiology

Committees

APS encourages members to serve on its committees in order to help steer and lead the strategy, growth and operations of the Society.

Interest Groups

Society members may also affiliate with internal Interest Groups that bring together members working in highly specific areas of research.

I owe my success to the American Physiological Society. I have been a member of the Society for over 20 years and have received constant encouragement, guidance and opportunities to grow and develop.

Chaya Gopalan, PhD, FAPS; APS Member Since 1999

View our member benefits at [physiology.org/join](https://www.physiology.org/join).

Resource restricted member dues are available to those located in countries defined as developing by the World Bank. Learn more at [physiology.org/RRC](https://www.physiology.org/RRC).

2021-23 Strategic Plan Goals

Goal One: Scientific Excellence

Advance and spotlight exceptional and high-impact physiological science, making excellence in science a key differentiator for the society.

Goal Two: Elevate the Discipline

Position physiology as a dynamic and essential field of study in advancing health and our understanding of life, focusing specifically within the academic, scientific and funding communities.

Goal Three: Membership & Member Value

Define and expand the value we offer for key APS stakeholders, while significantly growing our regular membership category.

Goal Four: Diversity, Equity & Inclusion

Champion diversity, equity and inclusion within the APS member community and the discipline, creating an environment in which all individuals are encouraged to join, thrive and lead.

Goal Five: International Engagement

Deepen and expand APS' impact outside the US, growing international membership, submissions and engagement.

Goal Six: Financial Sustainability

Develop a comprehensive approach to ensure the long-term financial viability of the organization, addressing severe disruptors within the business environment.

Goal Seven: Operational Excellence

Develop the tools, structures, systems, culture and people necessary to consistently pursue innovation and excellence.



2021-23 Cornerstone Initiatives

PHYSIOLOGY
2023

Launch a world-class annual meeting for the global physiology community.

FUNCTION

Build the new APS apex research journal, positioning it to grow into the premier physiology journal in the world.

CENTER FOR
PHYSIOLOGY
EDUCATION

Develop a new home for undergraduate and post-graduate physiology educators, combining all current APS education activities and developing curricula guidelines and standards, resources, support networks and other offerings for this critical audience.

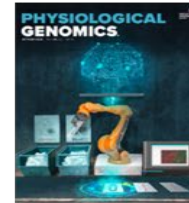
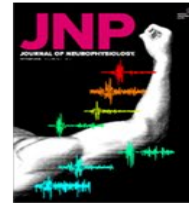
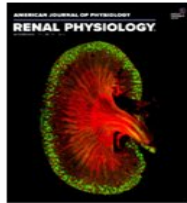
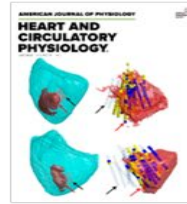
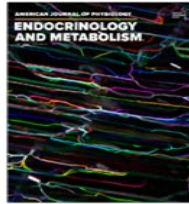
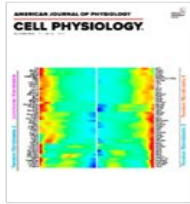
Career and Professional Development

- **Physiology Educators Community of Practice Webinar Series**
A webinar series for our life science educator community
- **Diversity, Equity & Inclusion Webinar Series**
A webinar series dedicated to DEI topics impacting our community
- **APS Journals Rigor and Reproducibility Checklist**
A guide to the “why” and “how” of properly reporting experimental methods
- **Open Access Webinar**
A follow up to our 2020 webinar "What Researchers Need to Know Now" (available on demand)
- **Novartis Partnership**
A new campaign exposing APS members to industry career paths



APS Scientific Journals

<https://journals.physiology.org/about>



Introducing our newest journal, *Function*

Function provides an open-access, multidisciplinary home for high-profile articles covering major advances in basic, translational, and clinical science that extend the physiological or pathophysiological understanding of biological function.

Milestones

- Founding editor, Ole Petersen, selected in September 2019
- *Function*'s esteemed global editorial team is composed of:
 - 8 executive editors
 - 28 editorial advisors
 - 3 Nobel Laureates
- Launched in April 2020
- First issue published in July 2020
- Second issue published in October 2020
- Latest issue was just published, you can find it at the url below



Professor Ole Petersen, CBE, FRS
School of Biosciences
Cardiff University, Wales UK

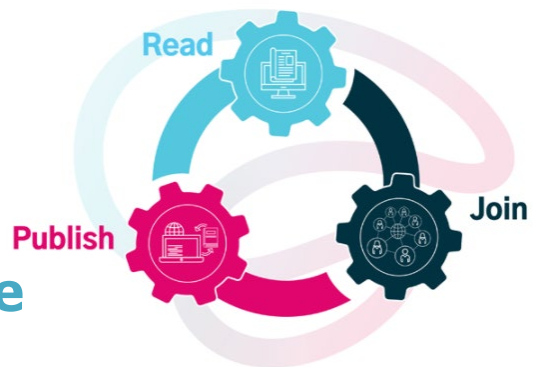
<https://academic.oup.com/function>

Open Access

- **Advocacy**
- **Education via Webinar**
- **New Read, Publish and Join Initiative**

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.



The Physiologist Magazine...for you...about you!



Diversity, Equity & Inclusion

- Porter Physiology Development Program
- DEI Committee Work
- First All-female Executive Committee

