

2022 Innovators in Science Award Call for Nominations Webinar

Thursday, March 25, 2021

10:30 AM - 11:30 AM ET

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Director, Awards

New York Academy of Sciences



Webinar Format

Participants muted for the duration of the webinar.

Questions accepted through online interface.

Questions compiled and answered after the presentation.

Email unanswered questions to TakedaInnovators@nyas.org.

* Presentation will be available for download at www.nyas.org/InnovatorsWebinar.pdf.

Award Program Overview



- Administered by the New York Academy of Sciences
- Sponsored by Takeda Pharmaceuticals
- Established in 2016
- Global Award
- Each cycle recognizes 1 Early Career Scientist and 1 Senior Scientist
- Celebrates contributions to biomedical science
- Intended to support commitment to innovative research
- Topic area rotates each cycle
- Receive an average of 130 nominations each cycle, across both career-stage categories

Award Program Overview

Winner Recognition

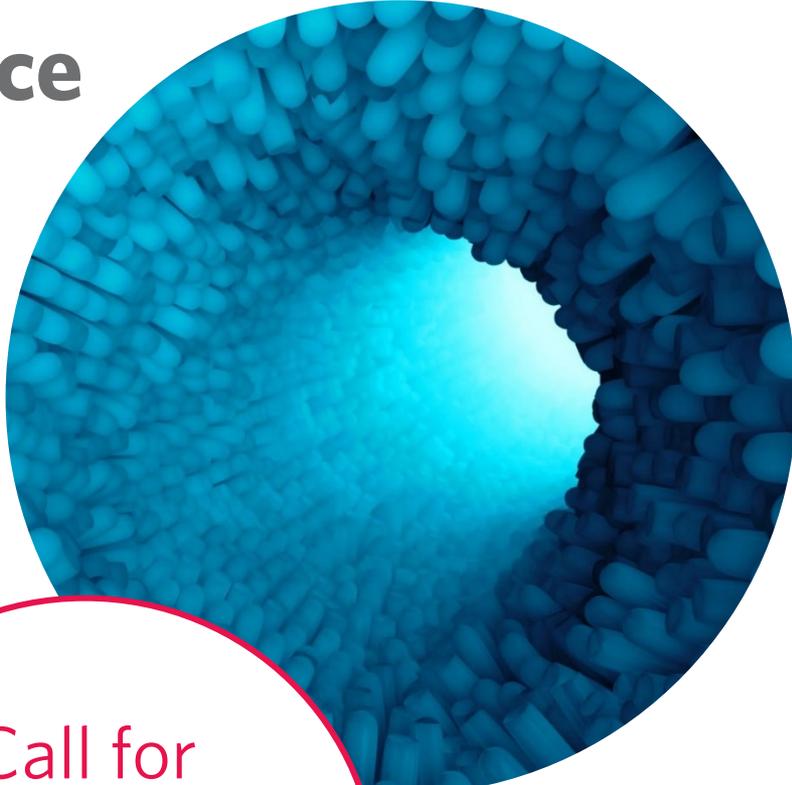
- Chosen by an international jury of scientific experts, 2 winners receive \$200,000 US each award cycle.
- Celebratory events hosted in New York City / Boston, or Tokyo.
- Required to submit to the *Annals of the New York Academy of Sciences*.
- Research highlights featured in Academy news and publications including *The New York Academy of Sciences Magazine* and Academy eBriefings.



2022 Innovators in Science Award

The 2022 Innovators in Science Award recognizes excellence in the field of Gastroenterology, including:

- Liver Disease
- Celiac Disease
- Esophageal & Gallbladder Disorders
- Gastrointestinal Cancers
- Genetic Diseases of the Liver & GI Tract
- Gut Microbiome
- Irritable Bowel Syndrome (IBS)
- Lactose Intolerance
- Ulcerative Colitis
- And Many More!



Call for
Nominations
April 1 – May
27, 2021

Nomination Guidelines

Nominating Entities

Research Institutions

- Nominations invited from academic institutions ranked 1-400 from the 2020/21 QS World University Rankings®.
- Nominations welcomed from government, or non-profit research institutions
- If your institution is not listed at [TakedaInnovators.com](https://www.takedainnovators.com), institutional officials should submit a statement of interest to TakedaInnovators@nyas.org for consideration.
- Institutions may submit up to two (2) nominations, one (1) Early-Career Scientist and one (1) Senior Scientist.
- Self-nominations are NOT permitted

Nomination Guidelines

Nominating Entities

Scientific Advisory Council



Don Cleveland



Elaine Fuchs



Joseph Goldstein



Shigekazu Nagata



Nobutaka Hirokawa



Robert Tjian



Bengt Samuelsson



Azim Surani

Nomination Guidelines

Nominee Eligibility

Eligibility Criteria: Research Support

- Nominees must not have received research support from Takeda Pharmaceuticals or affiliates
- Nominators are encouraged to review this criteria with any potential nominees
- Please contact our team at takedainnovators@nyas.org if you have questions

Nomination Guidelines

Nominee Eligibility

Eligibility Criteria: Geographic Region & Citizenship

- Global Award: open to researchers from all eligible institutions
- All nominees within each category evaluated using the same criteria
- No residency or citizenship requirements for nominees

Nomination Guidelines

Nominee Eligibility

Eligibility Criteria: Early-Career Scientist

Doctorate-level degree (PhD, DPhil, MD, DDS, DVM, etc.)

Engaged in research for *10 years or less* since gaining doctorate degree or equivalent*

Hold a *junior* level post-doctoral or faculty position

Made impactful research contributions and show exceptional promise for future achievement in the field

*Please visit [TakedaInnovators.com](https://www.takedainnovators.com) for detailed information about eligibility exceptions.

Nomination Guidelines

Nominee Eligibility

Eligibility Criteria: Senior Scientist

Doctorate-level degree (PhD, DPhil, MD, DDS, DVM, etc.)

Engaged in research for *11 years or more* since gaining their doctorate degree or equivalent

Hold a *senior* level faculty position

Made multiple, extensive, and impactful research contributions to advance the field

Nomination Guidelines

Nomination Materials

- Nominator's Rationale for Nomination (200 words)
- Nominee's Curriculum Vitae (4 pages)
- Nominee's Research Summary (1,000 words)
- Nominee's Future Research Plan (500 words; Early-Career Scientist only)
- Full-text publications and/or patents (up to 4)
- Name and email addresses for two (2) Letter of Support writers, to provide a Letter of Support and complete a short questionnaire

** Nomination Materials must be submitted using the online nomination system at TakedaInnovators.com.*

Nomination Guidelines

Gastroenterology Categories

- Acid Reflux (GER & GERD)
- Acute Liver Disease
- Autoinflammatory Liver Diseases
- Barrett's Esophagus
- Celiac Disease
- Chronic Liver Disease
- Colon Polyps
- Constipation
- Crohn's Disease
- Cyclic Vomiting Syndrome
- Diarrhea
- Diverticulosis & Diverticulitis
- End-Stage Liver Disease and Complications
- Esophageal Disorders
- Gallbladder Disorders
- Gastritis & Gastropathy
- Gastrointestinal Cancers
- Gastrointestinal Pain
- Gastroparesis
- Genetic GI Disorders
- Genetic Diseases of the Liver
- Gut Microbiome
- Hemorrhoids & Anal Disorders
- Indigestion (Dyspepsia)
- Inflammatory Bowel Disease
- Intestinal Failure
- Irritable Bowel Syndrome (IBS)
- Lactose Intolerance
- Nausea & Vomiting
- Nonalcoholic Fatty Liver Disease (NAFLD)
- Rare Enteric Neuropathies
- Rare GI Diseases
- Short Bowel Syndrome
- Spontaneous Bacterial Peritonitis
- Ulcerative Colitis
- Other

Nomination Guidelines

Nomination Procedure

Designated nominators from approved institutions invited to apply. If your institution is not listed, determine the designated nominator and have them email a letter of intent to TakedaInnovators@nyas.org

Designated nominator submits nominee information and uploads nomination materials: **Nominations due May 27, 2021**

Letter of Support writers receive instructions automatically via nomination portal

Nomination packages are complete upon receipt of 2 Letters of Support & Questionnaires: **Letters of Support due June 7, 2021**

Judging and Winner Selection

Nominee Evaluation Criteria

Quality

The extent to which the work is reliable, valid, credible, and scientifically rigorous

Impact

The extent to which the work represents a significant contribution in basic, translational or clinical research that has impacted, or has strong potential to impact, human health through the diagnosis, treatment or prevention of disease

Novelty

The extent to which the work challenges existing paradigms, employs innovative new methodologies or concepts, and/or pursues an original question

Promise

Senior Scientist - The extent to which the nominee has made impactful research contributions, and established future prospects for further significant contributions in the Award field.

Early-Career Scientist - The extent to which the nominee has made innovative research contributions and shows exceptional promise for significant future achievement in the Award field.

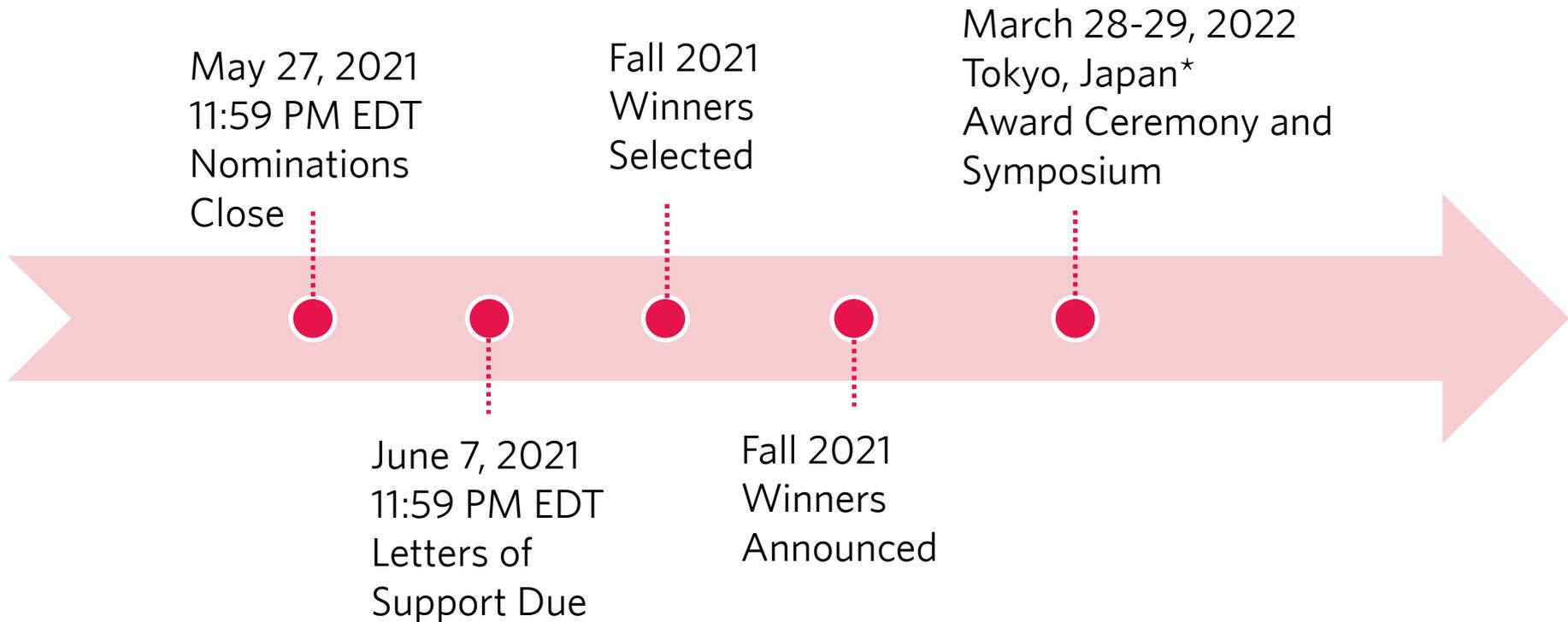
Award Announcement, Ceremony & Payments



- 2022 Innovators in Science Award Winners publically announced in Fall 2021
- Winners celebrated at a formal ceremony and dinner, in Tokyo, Japan in March 2022
- Ceremony followed by a scientific symposium the next day; Winners present research
- Unrestricted prize payments made directly to Winners at time of ceremony/symposium

Important Dates

2022 Innovators in Science Award



* *As pandemic restrictions allow.*

Innovators in Science Award Call for Nominations Webinar Q & A

1. My research institution is a medical school or located on a separate campus from the invited university. Can my research institution nominate candidates independently of the invited university/institution?

For universities or research institutions that are distinct legal entities from the university/institution or medical center/school, both entities are each welcome to nominate up to two (2) candidates for consideration: one (1) Early-Career Scientist and one (1) Senior Scientist.

Kindly provide the Academy's Award program staff at TakedaInnovators@nyas.org with information confirming the distinct legal status of your institution, and we will consider the request to have your institution designated as a separate nominating institution.

2. What is the composition of the judging panel?

The Judges are drawn from the international scientific community, and are selected based on their scientific expertise and the experience that they bring in a variety of different sub-disciplines within the broad umbrella field of “gastroenterology.”

When the Academy identifies Members of our Jury for each Award cycle, we give very careful thought as to the diversity of our Jury panel, including diversity of gender, race/ethnicity, institution, and geography, as well as to the scientific expertise of each of our Jury Members.

3. Are the four publications in the application package meant to be exclusively of the scientist's independent career (i.e. their own lab) or can they include publications from the nominee's postdoc period?

You are welcome to include publications from any period in the nominee's career. Our recommendation is to prioritize publications that have been produced when the individual was a senior PI or leading their own line of research. The most competitive nominees are those who are clearly leading the conceptual design of studies and research results.

We recognize that Early-Career Scientists in particular may have a body of work that reflects research conducted during their Postdoctoral Fellowship or equivalent. Nominators are welcome to include those materials—many Postdoctoral Fellows are publishing very compelling research.

Nominees and Nominators are encouraged to select the publications that are most representative of the nominee's achievements, and that contribute to the most competitive nomination package possible for their candidate.

4. How is “gastroenterology” operationalized for this competition? And are there links to any databases?

A large number of diseases have been designated as “gastroenterological.” These designations have been made by different organizations in different locations around the world. If you are trying to determine if the disease that you work on falls within “gastroenterology,” we suggest that you consult the following recognized directories:

- (i) American College of Gastroenterology, GI Health & Disease Topics
(<https://gi.org/patients/gi-health-and-disease/>)

- (ii) National Institutes of Diabetes and Digestive and Kidney Diseases, Health Topics
(<https://www.niddk.nih.gov/health-information>)

If the disease that you work on is not listed by either or both of these sources, please feel free to send an email inquiry to the Award program staff at TakedaInnovators@nyas.org with more information about your area of research. We will promptly review and respond with regard to whether we consider your area of research to fall within the parameters of eligibility for the Gastroenterology cycle of this Award.

5. What importance is given to the stature/recognition of the Letter Writers? Must these be arm's length referees, or can they be colleagues/collaborators of the nominee?

We require Letters of Support from two (2) individuals. Who the nominee/nominating institution selects to be a Letter Writer is at your discretion.

Letter Writers will ideally have sufficient stature, expertise, and broad view of the field of research such that they can comment objectively on the quality, impact, novelty, and promise of the nominee's work in that field.

No additional "weight" is attributed throughout the assessment process to comments from Letter Writers that are, for example, Nobel Laureates.

6. If an investigator receives the award, can they pursue sponsored research with Takeda in the future?

If an investigator receives the Innovator in Science Award, he/she is not automatically precluded from submitting requests for funding. However, the investigator must disclose this fact and any potential conflict of interests must be resolved.

Innovators in Science Award

Important Links & Contact Information

- To submit a nomination or for complete details about the award program visit TakedaInnovators.com.
- Presentation is available for download at www.nyas.org/InnovatorsWebinar.pdf.
- For additional questions contact TakedaInnovators@nyas.org.

