

## TAKEDA INNOVATORS IN SCIENCE AWARD

*Recognizing the nation's most promising early-career and outstanding senior scientists for their contributions to science in therapeutic areas of Neuroscience, Gastroenterology, Regenerative Medicine, or Oncology.*

**The 2019 Awards are for achievements in the field of Regenerative Medicine.**

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### DEADLINES

Expressions of Interest by April 25 **(REQUIRED)**

Please submit the following information, only:

- name/department of candidate to be nominated
- nominee category: early-career scientist OR senior scientist
- primary Sub-Discipline of Regenerative Medicine: see page 2; list one, only
- 1-2 sentences about **specific** achievement(s) for which the candidate should be recognized

Internal Competition Deadline: May 2, 2018 at 5:00pm **(see instructions on page 2)**

Sponsor deadline for nomination materials: June 25, 2018

### SPONSOR'S WEBSITE

Award Homepage: <https://www.nyas.org/awards/innovators-in-science-award/>

2019 Guidelines: <https://www.nyas.org/awards/innovators-in-science-award/?tab=guidelines>

Eligible Sub-Disciplines of Regenerative Medicine: see page 2 of this announcement

2017 Winners and Finalists: <https://www.nyas.org/awards/innovators-in-science-award/?tab=honorees>

CV format example: [https://www.nyas.org/media/13042/cv\\_example.pdf](https://www.nyas.org/media/13042/cv_example.pdf)

### FUNDING

One early-career scientist and one senior scientist will each be awarded \$200,000.

### NOMINATION LIMITATION

Yale is invited to nominate one candidate in each category:

*Early-Career Scientist*

*Senior Scientist*

### PURPOSE

Awards are intended to support the winners' commitment to innovative research. Winning scientists will have distinguished themselves for the creativity and impact of their research.

Nominees will be evaluated according to the following criteria:

- **Quality** – The work is reliable, valid, credible, and scientifically rigorous.
- **Impact** -- 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 work challenges existing paradigms, employs new methodologies or concepts, and/or pursues an original question.

- **Promise** –

***Early-Career Scientists*** will be evaluated on the extent to which the nominee has made innovative research contributions and shows exceptional promise for significant future achievement in the Award field.

***Senior Scientists*** will be evaluated on the extent to which the nominee has made impactful research contributions and future prospects for further significant contributions in the Award field.

*(continued on page 2)*

## ELIGIBILITY:

Early-Career Scientist nominees must:

- **Have been engaged in active research for a length of time of 10 years or less since gaining their doctoral degree or equivalent.**
- Have earned a doctoral degree (PhD, DPhil, MD, DDS, DVM, etc)
- Currently hold a junior level post-doctoral or faculty position.
- Have made impactful research contributions and show exceptional promise for significant future achievement in the Award field.

Senior Scientist nominees must:

- **Have been engaged in active research for a length of time of more than 10 years (11 years or longer) since gaining their doctoral degree or equivalent.**
- Have earned a doctoral degree (PhD, DPhil, MD, DDS, DVM, etc)
- Currently hold a senior level faculty position.
- Have made multiple, extensive, and impactful research contributions to advance the Award field.

## INTERNAL COMPETITION PROCEDURES (&amp; Contact Information for Questions)

Most of the requirements below mirror the information requested by the sponsor of the two candidates to be nominated by Yale.. If you have questions, please contact Melanie Smith, Manager, Funding Resource Center at [melanie.smith@yale.edu](mailto:melanie.smith@yale.edu) or 203-785-4978.

**Submit all requested documents to [melanie.smith@yale.edu](mailto:melanie.smith@yale.edu) (cc: [osp@yale.edu](mailto:osp@yale.edu)) by May 2 at 5:00pm. (No exceptions)**

Page 1 – Candidate Information

- *First & Last Name:*
- *Email Address:* The candidate's professional/institutional email address.
- *Preferred Phone Number:* The preferred phone number where the candidate can be reached directly.
- *Official Title:* The title or position as designated by Yale.
- *Primary Department:*
- *Date of Birth:* MM/DD/YYYY.
- *Sub-Disciplines for Regenerative Medicine*  
(specify **one** primary sub-discipline that best represents the focus area of the nominee's research):
  - Adipose, Musculoskeletal, and Connective Tissue
  - Cancers
  - Cardiac Tissue
  - Chromatin and Epigenetics
  - Clinical Trials and Regenerative Medicine Interventions
  - Endothelial Cells and Hemangioblasts
  - Epithelial Tissues
  - Eye and Retina
  - Germline, Early Embryo and Totipotency
  - Hematopoiesis and Immunology
  - Neural Development and Regeneration
  - Neural Disease and Degeneration
  - Organoids
  - Pancreas, Liver, Kidney, Gut
  - Pluripotency
  - Reprogramming
  - Stem Cell Niches
  - Technologies for Stem Cell Research
  - Tissue Engineering
  - Other

(continued on page 3)

### Page 2 – Rationale for Nomination

- **Recommender's Name.** This is the person providing the “Rationale for Nomination.” For the internal competition, this should be prepared by a senior faculty member well-acquainted with your research, scientific accomplishments and professional trajectory.
- **Recommender's Title.**
- **Recommender's Primary Department.**
- **Rationale for Nomination.** The “recommender” should prepare a **200-word statement** that provides the basis for the candidate’s nomination, discussing their strong record of significant independent scientific contributions, career success, and promise of sustained or accelerated progress in the future. Address the candidate’s research in light of the **evaluation criteria described on page 1 of this announcement.**

### Page 3 – Candidate’s Research Summary (1,000 word maximum, 10-point Arial font)

Please label file: LastName\_FirstName-Summary.pdf

- *In the header, include the Candidate’s Name, Title and Primary Department*
- A summary of up to 5 of the nominee’s most significant scientific contributions and research accomplishments. Key results, their impact on the nominee’s field of study, and the nominee’s specific role in the described work should be included. *Do not* include information about the nominee’s positions, awards, and service activities. One figure illustrating the most significant results is allowed. References and figure caption do not count toward the word limit.

The Summary statement should address how the candidate's research has broadly impacted science and how it meets the Innovators in Science Award’s evaluation criteria referred to above for the “Rationale for Nomination,” page 2.

### Future Research Plan (required for Early-Career Scientist nominees only)

Please label file: LastName\_FirstName-Future.pdf

A brief summary of the nominee’s future research plans (**500-word** maximum, 10-point Arial font)

### Supporting Documents

- **Key Publications and Patents (sequential 1–4):** Please label files LastName\_FirstName-Pub1.pdf  
**Full-text** published papers or filed patents representing the candidate's best work (4 publications maximum). Each publication file should not be larger than 10MB.
- **Curriculum Vitae:** Please label file: LastName\_FirstName-CV.pdf  
Use the format provided in this CV example. [https://www.nyas.org/media/13042/cv\\_example.pdf](https://www.nyas.org/media/13042/cv_example.pdf)  
(4 page maximum, 10-point Arial font)
- **Names of 4 Potential Writers of Letters of Recommendation:** Recommenders must be familiar with the candidate’s independent scientific career accomplishments. They should be important people working in the candidate’s field – worldwide leaders who can write specifically and in a well-informed way about the candidate’s scientific contributions. If nominated by Yale, only two will be requested per the guidelines. The writer of the “Rationale for Nomination” statement can be included among the 4 named.

For each potential recommender, please include:

- a brief biography of the recommender and indicate your relationship to the recommender
- list employment history and awards/ honors received  
(member of National Academy, HHMI Investigators, Nobel Prize, etc.)