



**BrightFocus[®]
Foundation**

Cure in Mind. Cure in Sight.

Funding Opportunities for Neurodegenerative Disease Research

**Preeti Subramanian, PhD
Director of Vision Science Programs**

Health Research Alliance

October 1, 2024

BrightFocus' Vision

A world where we age free from diseases of mind & sight

Age-related brain and vision diseases have no borders, and a person's risk of developing them increases daily.

[→ About BrightFocus](#)

280,000,000

People worldwide with age-related macular degeneration or glaucoma.

55,000,000

People worldwide living with Alzheimer's disease or other dementias.

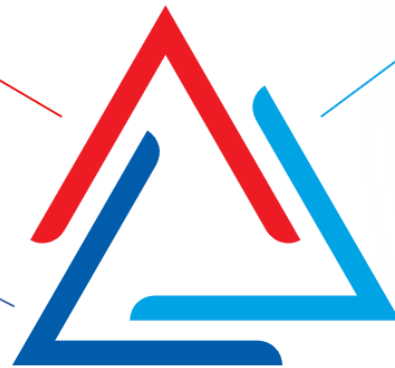
1 in 9

U.S. adults aged 65 and older with dementia.

**Alzheimer's
Disease
Research**

**Macular
Degeneration
Research**

**National
Glaucoma
Research**



MISSION

BrightFocus funds exceptional scientific research worldwide to defeat Alzheimer's disease, macular degeneration, and glaucoma, and provides expert information on these heartbreaking diseases.

Diseases Have No Borders... Neither Do BrightFocus Awards

High Risk, High Reward Seed Funding

Grantees achieved top scientific accolades including 2 Nobel laureates

BrightFocus is
currently supporting:

More than
\$55 million
in active
research grants

666
researchers

202
active research
projects

Our investigators

107
global institutions

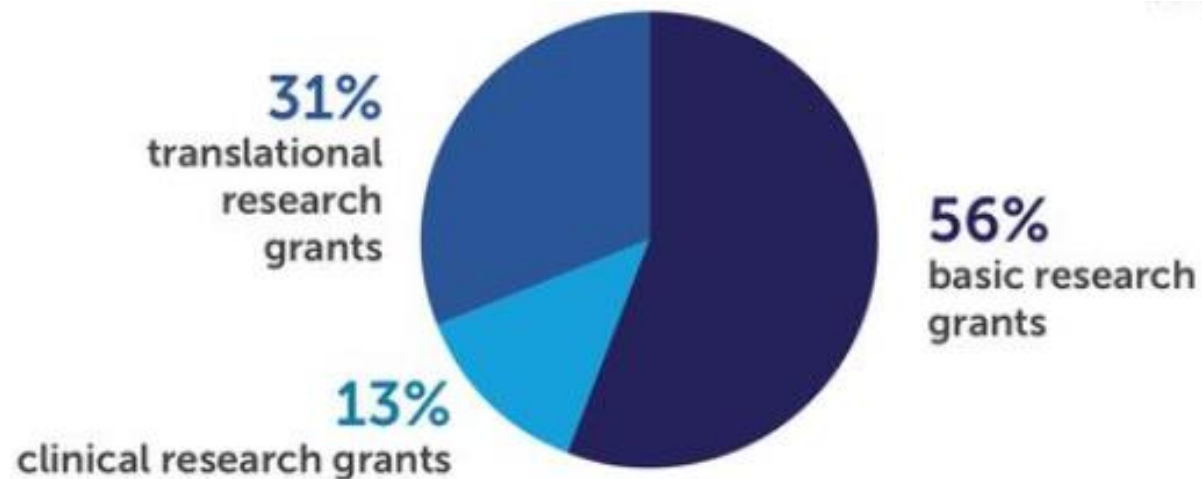
83
cities

Across
15
countries

Since inception

6,385
scientists supported
across 25 countries

Nearly
\$300 million
in research
grants awarded



Research Initiatives

Listen

Lead

Investigator-Initiated Awards for Innovative Science

Supporting Innovative Early-Career Scientists

Cross-Disease, Interdisciplinary

Partnerships and Bold Ideas Initiatives

Symposia and Workshops (including signature Fast Tracks and Common Features)

Science For All: BrightFocus' Official Open Access Journal Molecular Neurodegeneration and ISMND Society



BrightFocus[®]
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Cure in Mind. Cure in Sight.

CELEBRATING
50
YEARS

BrightFocus Awards Offered

ADR LOI Closed
August 2, 2024

NGR Full Prop. Due
Oct. 31, 2024

MDR LOI Closed
July 25, 2024

- **Alzheimer's Disease Research**
 - Standard Award: \$300,00 over 3 years
 - Postdoctoral Fellowship: \$200,000 over 2 years
- **National Glaucoma Research**
 - Standard Award: \$200,000 over 2 years
 - Postdoctoral Fellowship: \$150,000 over 2 years
- **Macular Degeneration Research**
 - Innovative Research Grant \$600,000 over 3 years
 - New Investigator Grant \$450,000 over 3 years
 - Postdoctoral Fellowship: \$200,000 over 2 years

Apply for a grant:



Sign up for "Grants Notification" at bottom of page to be notified when RFP released:
<https://science.brightfocus.org/apply-grant>

No Citizenship Requirements/Restrictions

Training the Next Generation: BrightFocus Fast Track Workshops

Macular Fast Track™

- **October 2025**, at TBD location
- Co-Chairs Drs. Preeti Subramanian, Cathy Bowes Rickman, John Ash

Glaucoma Fast TrackSM

- **October 8, 2025**, Atlanta, GA
- Co-Chairs Drs. Preeti Subramanian, Abe Clark, Rebecca Sappington, Colleen McDowell

Alzheimer's Fast Track®

- **October 2-4, 2024**, Chicago, IL
- Co-Chairs Drs. Sharyn Rossi, Frank LaFerla, Cynthia Lemere, Harry Steinbusch
 - Designed for graduate students, postdoctoral fellows, and other early-career scientists
 - Network with peers and expert scientists
 - Learn how to write a grant with mentorship from our chairs and speakers
 - Present a group mock grant proposal to a review panel

<https://science.brightfocus.org/event/alzheimers-fast-track-2024>



Diversity: BrightFocus Travel Fellowships

- BrightFocus is committed to bringing scientists from diverse backgrounds to foster creativity and innovation in addressing complex scientific challenges.



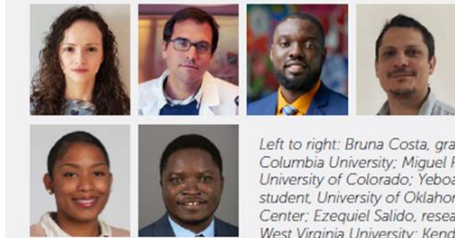
BrightFocus Foundation Travel Awardees ISER 2023 Biennial Meeting



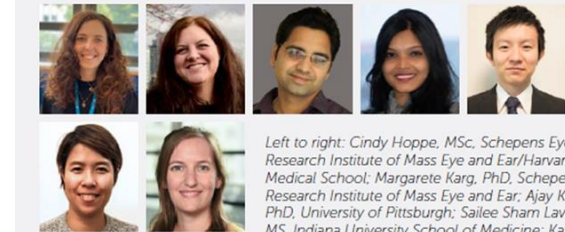
Tanuja Vaidya Alicia Brunet Deborah Villafranca Karis Little
 Larissa Ikelle Vratasha Katherine Pohl Andrew Boal
 Yang Pan Michelle O'Hara-Wright Abhilash Goud Marupally Susannah Waxman



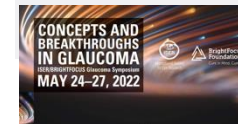
ARVO Foundation/BrightFocus Foundation
Travel Grants



Left to right: Bruna Costa, graduate student, Columbia University; Miquel Flores-Bellver, instructor, University of Colorado; Yeboah Gyening, graduate student, University of Oklahoma Health Science Center; Ezequiel Salido, research assistant professor, West Virginia University; Kendra Wilcots, graduate student, Lerner Research Institute; Felix Yemanyi, postdoctoral fellow, Boston Children's Hospital/Harvard Medical School.



Left to right: Cindy Hoppe, MSc, Schepens Eye Research Institute of Mass Eye and Ear/Harvard Medical School; Margarete Karg, PhD, Schepens Eye Research Institute of Mass Eye and Ear; Ajay Kumar, PhD, University of Pittsburgh; Sailee Sham Lavekar, MS, Indiana University School of Medicine; Kazuya Oikawa, PhD, University of Wisconsin-Madison; Monichan H. Phay, PhD, Schepens Eye Research of Mass Eye and Ear/Harvard Medical School; Ester Reina-Torres, PhD, Imperial College London.



Macular Fast Track 2021 and Glaucoma Fast Track 2022 Diversity Fellows support in partnership with the Ludwig Von Sallmann Trust



Sagun Poudel Neha Mahajan Bindu Kodati Jennifer Pham Anbukkarasi Muniyandi Sara Maria



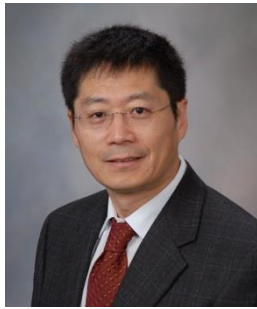
Doaa N. Maria Sehrish Afsheen Ting Wang Shahna Shahul Hameed Ehsan Kaffash



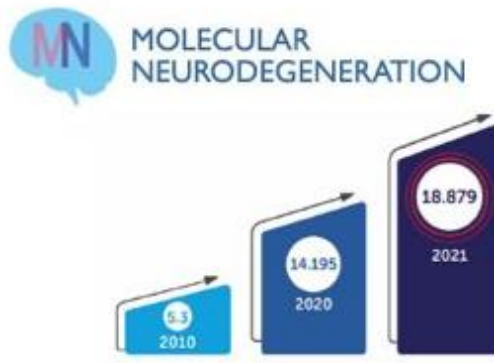
BrightFocus' Official Journal: *Molecular Neurodegeneration (MN) Journal* International Society of MN (ISMND)

Number one open access neuroscience journal since 2013
Only open access journal in top 10

A multidisciplinary global platform for researchers from all different facets and levels of scientific disciplines to more readily connect and interact



Guojun Bu, PhD
Hong Kong University of Science and
Technology
Editor in Chief MN Journal



Impact factor, Molecular Neurodegeneration scientific journal.

Science that Makes a Difference

The impact factor of Molecular Neurodegeneration, the official BrightFocus scientific journal, has risen to

18.879

a 33% increase from 2020, making it the top-ranked open-access publication in its field.

A scientific journal's impact factor is derived from how often its articles are cited in scientific literature which reflects the journal's influence in shaping scientific progress.



Henrietta Nielsen, PhD
Stockholm University, Sweden
President ISMND



Scientific Affairs Partnerships and Conferences

Action Against AMD

NIH National Eye Institute National Eye Health Education Program **NEHEP**

FNIH Foundation for the National Institutes of Health

NIH National Institute of Neurological Disorders and Stroke

ARVO The Association for Research in Vision and Ophthalmology

CIHR IRSC Canadian Institutes of Health Research Instituts de recherche en santé du Canada

ORCID Connecting Research and Researchers

HELEN KELLER FOUNDATION For Research & Education **HELEN KELLER PRIZE for Vision Research**

ISMND

BIRAX The Britain Israel Research And Academic Exchange Partnership Regenerative Medicine Initiative

WW-FINGERS WORLD-WIDE MULTISPECIALTY INTERVENTING FOR GLAUCOMA PREVENTION

BMC Part of Springer Nature

altum

RD Meeting Inc. Organizers of the International Symposia on Retinal Degeneration

EyeFind.org

MTEC Medical Technology Enterprise Consortium

Health Research Alliance

Alzheimer's Disease International

MILKEN INSTITUTE

MN Molecular Neurodegeneration

PROTECT PROJECT - SUSTAIN

6th Biennial International Symposium on AMD September 29-30, 2023 | Boston, MA

FASEB Federation of American Societies for Experimental Biology

INTERNATIONAL DEMENTIA CONFERENCE SERIES

BrightFocus Foundation Cure in Mind. Cure in Sight.

CELEBRATING 50 YEARS

ISER

2nd Targeting Therapy of Alzheimer's and Related Neurodegenerative Diseases Conference 25 - 28 July 2021 | Lisbon, Portugal

fusion CONFERENCE / LIMITED

national down syndrome society ndss

KEYSTONE SYMPOSIA™

AOPT Association for Ocular Pharmacology and Therapeutics

SOCIETY for NEUROSCIENCE

AD/PD™ 2024 ADVANCES IN SCIENCE & THERAPY March 5 - 9, 2024 | Lisbon, Portugal Hybrid

NATIONAL ACADEMIES Sciences Engineering Medicine

ALLIANCE FOR AGING RESEARCH

NEI 50 YEARS of Advances in Vision Research

FONDATION VAINCRE ALZHEIMER

alzheimer nederland

GLAUCOMA RESEARCH FOUNDATION

Clarivate Analytics

DruSolv Therapeutics

Alzheimer Forschung Initiative e.V.

LASI DAD

Common Features

RD2023 XXth INTERNATIONAL SYMPOSIUM ON RETINAL DEGENERATION Read more on the RD Meeting history

Research to Prevent Blindness

The RReSTORE Consortium

UCI MIND & RESERVE RESILIENCE

American Institute of Biological Sciences

tgf THE GLAUCOMA FOUNDATION OUR VISION-YOUR SIGHT

Western Glaucoma Foundation

WHAM WOMEN'S HEALTH ACCESS MATTERS

CONCEPTS AND BREAKTHROUGHS IN GLAUCOMA ISER/BRIGHTFOCUS Glaucoma Symposium MAY 24-27, 2022

Lumind DOWN SYNDROME FOUNDATION

Trabecular Meshwork Study Club

BrightFocus Scientific Affairs



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