



# ADVANCE ARMENIA

## GALA **Invest** in Armenia

## **Transform** the Future

**FAST**

DISCOVERING  
THE FUTURE

**31 March**  
The Landmark  
Los Angeles, CA **2022**



## MISSION

To foster and accelerate the advancement of science and technological innovation in Armenia and beyond.

## VISION

Armenia's transformation into a Top 10 Global Innovator nation, and Top 5 Data Science and Artificial Intelligence innovator by 2041.



# BOARD OF TRUSTEES and CEO



**Ruben Vardanyan**

Co-founder and BoT member

Social Entrepreneur, Impact Investor and Venture Philanthropist, Founder, RVVZ Foundation, Russia



**Noubar Afeyan, PhD**

Co-founder and BoT member

Founder and CEO, Flagship Pioneering, Co-Founder and Chairman, Moderna, Inc., United States



**Artur Alaverdian**

Co-founder and BoT member

Serial Entrepreneur, Venture Investor, Owner and Chairman, ProfHolod, Armenia



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Founding CEO

Member of Board of Advisors, Rice University, Baker Institute for Public Policy, Founder & Chairman Emeritus, Athgo Corporation



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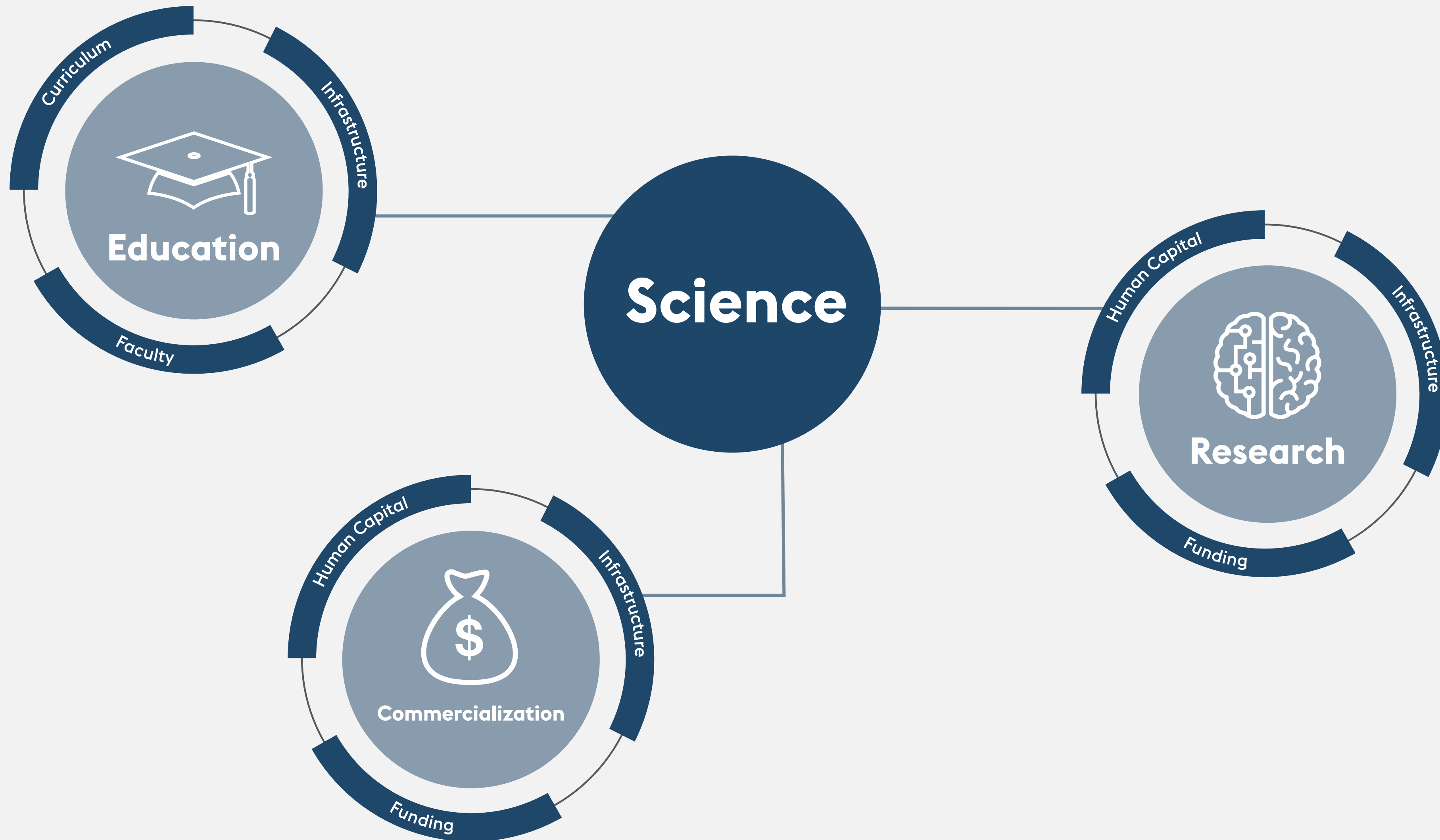
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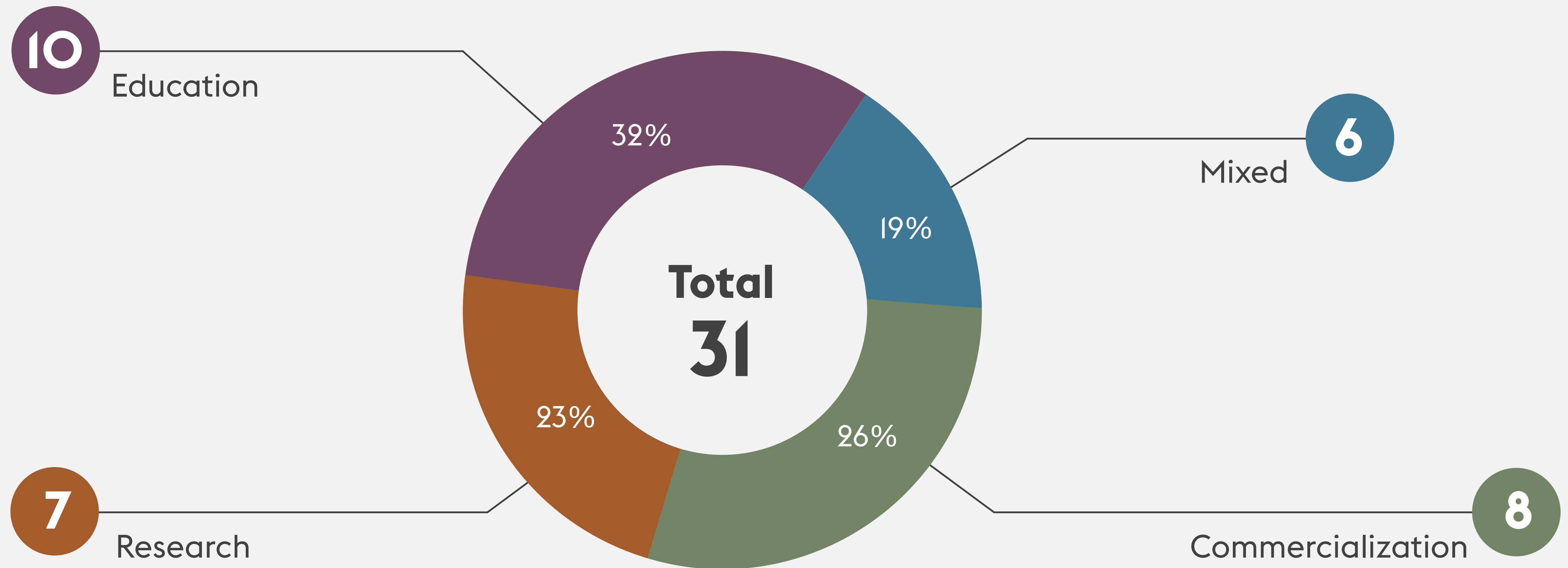
**Serge  
Tchuruk**

FRANCE

# PROGRAMS: SYSTEM THINKING APPROACH



# PROGRAMS: OVERVIEW





# Advance Armenia Gala 2022

FAST is launching its first global fundraising effort in order to attract additional resources to help scale its most successful educational, research, and commercialization programs.

**The goal for the Advance Armenia Gala 2022 is to raise funds for STEM research grants providing competitive research opportunities to approximately 50 local Armenian scientists.**



# The ADVANCE STEM Research Grant Program

The ADVANCE grant program **connects distinguished international researchers with local research teams** to work jointly on innovative research projects.

The grant amount is \$125,000 and covers:

## Laboratory Support Materials

to conduct cutting-edge experiments

## Salaries for Local Researchers

to stay in Armenia and implement innovative research projects

**Salaries for Expats and Repatriated Young Scientists**  
to integrate into science ecosystem in Armenia

## International Principal Investigator Salaries and Travel Expenses

to engage top-notch international scientists through teaching, mentoring and nurturing new generations of scientists in Armenia

## Collaborative Research Activities Abroad

to boost researchers' growth through connecting with best international labs and professionals

## Participation in Conferences

to present the results of research to the international scientific community

## Publication in Journals

to demonstrate the competitiveness of Armenian science on international scene

## Patenting Costs

to build Armenian intellectual property



# ADVANCE GRANT: ESTABLISHED RESEARCH PROJECTS

## **BIOTECHNOLOGY** Project (launched in September 2020)

Principal Investigator: Prof. Garabed Antranikian  
Team: 6 local researchers engaged  
Partner Institution: **Yerevan State University**

## **MACHINE LEARNING** Project (launched in September 2020)

Principal Investigator: Prof. Arnak Dalalyan  
Team: 2 local researchers engaged  
Partner Institution: **Yerevan State University**

## **COMPUTATIONAL AGRICULTURE** Project (launched in September 2021)

Principal Investigator: Prof. Naira Hovakimyan  
Team: 3 local researchers to be engaged  
Partner Institution: **Armenian National Agrarian University**

## **NEUROSCIENCE** Project (launched in July 2021)

Principal Investigator: Prof. Sarkis Mazmanian  
Team: 3 local researches to be engaged  
Partner Institution: **Apkarian Foundation, Yerevan State Medical University**



# ADVANCE STEM RESEARCH GRANT PROGRAM: CURRENT PRINCIPAL INVESTIGATORS

Each research group works under the supervision of an international Principal Investigator (PI), around a certain topic identified by the PI. Current PIs include:

## BIOTECHNOLOGY



**Prof. Garabed Antranikian**

Director of Institute for  
Technical Microbiology at  
Hamburg University of  
Technology, Germany

## MACHINE LEARNING



**Prof. Arnak Dalalyan**

Director of Center for  
Research in Economics  
and Statistics CREST  
at ENSAE Paris, France

## COMPUTATIONAL AGRICULTURE



**Prof. Naira Hovakimyan**

Affiliate Professor at  
University of Illinois at  
Urbana-Champaign, USA

## NEUROSCIENCE



**Prof. Sarkis Mazmanian**

Professor at California  
Institute of Technology,  
USA



# ADVANCE STEM RESEARCH GRANT PROGRAM: Armenian Researchers Engaged

## Machine Learning Team



**Tigran Galstyan**  
Junior researcher in Computer Science, Russian-Armenian University

## Biotechnology Team



**Anna Poladyan**  
Senior researcher in Microbiology, Yerevan State University



**Sargis Aghayan**  
Senior researcher in Molecular Parasitology, National Academy of Sciences



**Ani Paloyan**  
Senior researcher in Biotechnology, National Academy of Sciences



**Arshak Minasyan**  
Senior researcher in Mathematics, Yerevan State University



**Karen Trchounian**  
Senior researcher in Biochemistry, Yerevan State University



**Diana Ghevondyan**  
Junior researcher in Microbiology, Yerevan State University



**Ella Minasyan**  
Junior researcher in Chemistry, National Academy of Sciences

Our research project envisages the development of a circular bioeconomy which is a starting point in this field for Armenia. I am convinced that due to the group work and collaborations, significant results will be achieved both in terms of raising the qualification of specialists and the development of new technologies and their further applicability.



## THE GOAL OF THE EVENT

The goal of the event is to raise funds to  
Scale up FAST's ADVANCE program by funding  
10 research teams and up to 50 scientists in  
2022, which is  
estimated to require **\$1,250,000.**



# ABOUT THE EVENT

The Advance Armenia Gala 2022 will take place at **The Landmark**, Los Angeles, California on **March 31, 2022**.

Seats are available for **\$500** (mezzanine) and **\$1000** (general) contributions.



# GUEST OF HONOR

The keynote speech will be delivered by **Dr. Noubar Afeyan**, Founder and CEO of Flagship Pioneering, Co-Founder and Chairman of Moderna, Inc. and Co-Founder of FAST.





# DONOR ENGAGEMENT HOW WE CAN COLLABORATE

OPTION 1 **CATALYST**

**\$10,000**

**1 table (general seating) and DONOR BENEFITS:**

- ✓ Access to the Private Cocktail
- ✓ Tabletop name recognition on sponsored table
- ✓ Website recognition
- ✓ Program Book recognition



**FAST** DISCOVER  
THE FUTURE

Thanks to your generous contribution, our researchers will get a chance to conduct part of their experiments in some of the most advanced laboratories in the world



# DONOR ENGAGEMENT HOW WE CAN COLLABORATE

OPTION 2 **ADVOCATE**

**\$25,000**

**1 table (general seating) and DONOR BENEFITS:**

- ✓ **Social Media recognition**
- ✓ **Newsletter recognition**
- ✓ Access to the Private Cocktail
- ✓ Tabletop name recognition on sponsored table
- ✓ Website recognition
- ✓ Program Book recognition

Thanks to your generous contribution, a research team will secure necessary laboratory materials to conduct cutting-edge experiments for a whole year





# DONOR ENGAGEMENT HOW WE CAN COLLABORATE

OPTION 3 **CHAMPION**

**\$50,000**

**1 table (preferred seating) and DONOR BENEFITS:**

- ✓ **2 invitations to the Exclusive Reception with Noubar Afeyan**
- ✓ **Digital Screen recognition**
- ✓ Social Media recognition
- ✓ Newsletter recognition
- ✓ Access to the Private Cocktail
- ✓ Tabletop name recognition on sponsored table
- ✓ Website recognition
- ✓ Program Book recognition



Thanks to your generous contribution, we will secure competitive remuneration for a research team to undertake innovative work for a whole year



# DONOR ENGAGEMENT HOW WE CAN COLLABORATE

## OPTION 4 **INNOVATOR**

**\$125,000**

**2 tables (preferred seating) and DONOR BENEFITS:**

- ✓ **Naming rights to one grant for one year**
- ✓ **4 invitations to the Exclusive Reception with Noubar Afeyan**
- ✓ **Press Release recognition**
- ✓ Digital Screen recognition
- ✓ Social Media recognition
- ✓ Newsletter recognition
- ✓ Access to the Private Cocktail
- ✓ Tabletop name recognition on sponsored table
- ✓ Website recognition
- ✓ Program Book recognition

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Thanks to your generous contribution, an international PI and a local team of 5 scientists will be able undertake a cutting-edge research project for a whole year



# DONOR ENGAGEMENT HOW WE CAN COLLABORATE

## OPTION 5 **VISIONARY**

**\$250,000**

**3 tables (preferred seating) and DONOR BENEFITS:**

- ✓ **Host of the Exclusive Reception with Noubar Afeyan**
- ✓ **Naming rights to two grants for one year**
- ✓ **8 invitations to the Exclusive Reception with Noubar Afeyan**
- ✓ **Stage and On-stage recognition**
- ✓ Press Release recognition
- ✓ Digital Screen recognition
- ✓ Social Media recognition
- ✓ Newsletter recognition
- ✓ Access to the Private Cocktail
- ✓ Tabletop name recognition on sponsored table
- ✓ Website recognition
- ✓ Program Book recognition



Thanks to your generous contribution, 2 research projects of 5 local scientists each under the leadership of an international PIs will operate for a whole year



# SPONSORSHIP OPPORTUNITIES

	Visionary \$ 250K	Innovator \$ 125K	Champion \$50K	Advocate \$ 25K	Catalyst \$ 10K
Table, 10 seats	3 tables	2 tables	1 table	1 table	1 table
Seating Type	Preferred	Preferred	Preferred	General	General
Access to the Private Cocktail	✓	✓	✓	✓	✓
Tabletop name recognition on sponsored tables	✓	✓	✓	✓	✓
Website recognition	✓	✓	✓	✓	✓
Program Book recognition	✓	✓	✓	✓	✓
Social Media recognition	✓	✓	✓	✓	
Newsletter recognition	✓	✓	✓	✓	
Exclusive Reception with Noubar Afeyan	8 invitations	4 invitations	2 invitations		
Digital Screen recognition	✓	✓	✓		
Press Release recognition	✓	✓			
Naming rights for one year	2 grants	1 grant			
Stage recognition	✓				
Host of the Exclusive Reception with Noubar Afeyan	✓				



# Advance Armenia Gala 2022 Committee

**Silva Katchiguian, co-chair**

**Elizabeth Zoryan, co-chair**

His Eminence Archbishop

Hovnan Derderian

Maria Cozette Akopian

Avetis Antaplyan

Roza Grigoryan Baroody

Benjamin Charchian

Irene Darbinyan

Derik Ghookasian

Armen Harutunian

Lenna Hovanessian

Sarkis Kiramijyan

Arthur Kokozyan

Armen Martirosyan

Armen Mkrtchyan

Natalie Noravian

Vrej Sarkissian

Elena Semerdjian

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Fred Tatlyan

Tigran Tutuyan

Armen Vardanyan

Vince Unanyan



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