

Insight into VinFuture Prize



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Dear Distinguished Laureates,

We hope this newsletter finds you well and safe. It is now just a week before we reach the nomination deadline for the 2022 VinFuture Prize on June 7. We would like to keep you informed of some good news. To date, more than 2,500 prominent individuals and organizations worldwide have accepted our invitation to serve as nominators for the Prizes. The online nomination portal has received over 700 draft nomination forms plus over 57 submitted nominations. Over the past weeks, we have actively engaged with the nominators through different media: Via the webinars with the nominators with the participation of the members of the Prize Council, the Pre-Screening Committee, and inaugural laureates, ePanel event, 1 on 1 calls with nominators, newsletters and emails. It is exciting to receive great interest in, and attention to, the Prize from the community. We are also very pleased to share with you that we have recently welcome four new members of the Prize Council and the Pre-Screening Committee. More information about our new members is in page 4 of this newsletter. We thank you for your continued support and engagement with VinFuture. If you have any comments or feedback, please do not hesitate to let us know.

Sincerely,

Dr. Le Thai Ha
Managing Director of VinFuture Prize



Take-home message for VinFuture Prize Nominators and Nominees

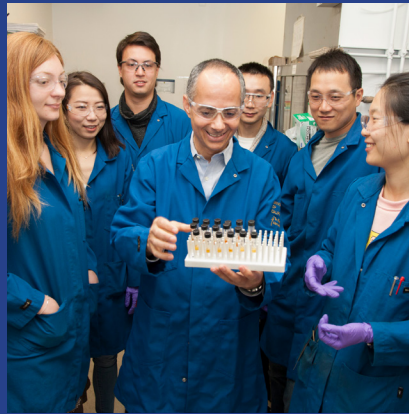


At the VinFuture Prize, nominations for the Grand Prize should have a proven impact while for the three **Special Prizes**, the **impact could be potential**, i.e. in a few years.

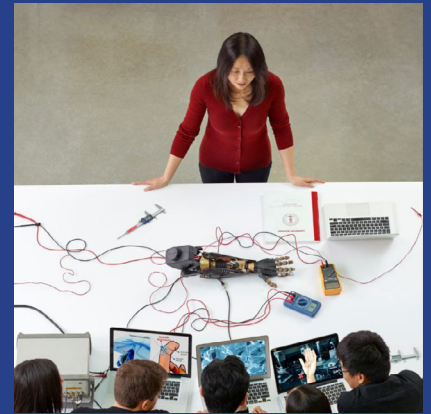
Inventions with proven & potential impacts



The development of pre-exposure prophylaxis



The discovery of MOF materials



The development of E-skin & its application



We have a team of world-class experts with extensive knowledge and experience in a wide spectrum of fields to ensure the VinFuture Prize's evaluation covers a broad range of areas in science and technology.



Besides the VinFuture Prize, which is the core activity of the VinFuture Foundation, nominations would be considered for **academic and entrepreneurial partnership opportunities**, to make science become applicable for life, helpful to people, thus building a very strong support to the VinFuture Prize's mission of "Science for Humanity."



Dr. Katalin Karikó – From Zero To Hero: A Journey Of Hardship, Passion & Happiness



If you believe that every great scientist starts off as a genius, then take a peek at the story of Dr. Karikó - a woman whose illustrious scientific career started from 0. Read more at:

“When I accepted the VinFuture Prize, I was thinking about how I am a representative for immigrant scientists, as well as the women and mothers who are always working hard. I have faced failure many times, and every time I have picked myself up to try again. When I went to Germany, I was 58 years old. I am turning 67 this year, and I fully expect to continue working harder and harder.”

- Dr. Katalin Karikó, VinFuture Grand Prize 2021 Laureate

<https://vinfutureprize.org/2022/04/29/dr-katalin-kariko-from-zero-to-hero-a-journey-of-hardship-passion-happiness-2/>

The Karims: There are no boundaries for scientific breakthroughs

When speaking about developing countries, many people may imagine constraints which can lead to gaps compared to developed countries. However, science is not just about developing the most cutting-edge solutions, but also about producing the most accessible, affordable, and scalable research in order to create positive changes in the lives of thousands, if not millions of people in the world, regardless of socioeconomic status.

The story of The Karims proved that science has no boundaries and scientific breakthroughs can originate from anywhere in the world:



<https://vinfutureprize.org/2022/05/07/the-karims-there-are-no-boundaries-for-scientific-breakthroughs/>

Updates from VinFuture

It is a great pleasure to have globally renowned experts from around the world join hands with VinFuture in an effort to create meaningful changes for the everyday lives of people around the world. Please join us in welcoming **Prof. Quarraisha Abdool Karim**, **Prof. Daniel M. Kammen** and **Prof. Ermias Kebreab** who are new members of the Prize Council and Pre-Screening Committee.



Professor Quarraisha Abdool Karim is an infectious disease epidemiologist whose primary research focuses on understanding the evolving HIV epidemic in South Africa and preventing HIV in women. She is the Scientific Director of CAPRISA and Pro-Vice Chancellor for African Health at the University of KwaZulu-Natal in South Africa, and a Professor in Clinical Epidemiology at the Mailman School of Public Health, Columbia University, USA. She is a Fellow of The World Academy of Science; African Academy of Science; Academy of Science of South Africa, Royal Society of South Africa, and elected Member of the US National Academy of Medicine. She was awarded the inaugural VinFuture Special Prize for Innovators from Developing Countries, in recognition of her ground-breaking research on HIV prevention.



Professor Daniel M. Kammen serves as James and Katherine Lau Distinguished Professor of Sustainability at University of California, Berkeley (USA) with parallel appointments in the Energy and Resources, the Goldman School of Public Policy, and the Department of Nuclear Engineering. He was appointed the first Environment and Climate Partnership for the Americas (ECPA) Fellow by Secretary of State Hilary R. Clinton in April 2010. Professor Kammen is currently on leave from the University of California while serving in the Biden Administration as the Senior Advisor for Energy Innovation at the US Agency for International Development (USAID). He is a Permanent Fellow of the African Academy of Sciences, a Fellow of the American Physical Society. In the United States, he serves on two National Academy of Sciences boards and panels.



Professor Ermias Kebreab is Associate Dean of Global Engagement and Director of World Food Center at University of California, Davis. He holds the Sesnon Endowed Chair in Sustainable Agriculture. He conducts research in animal nutrition, mathematical modeling of biological systems and impact of livestock on the environment. He is contributing author to 2019 IPCC update on enteric methane emissions. He co-chaired the feed additive and methane committees of the Food and Agriculture Organization of the United Nations. He has authored over 250 peer-reviewed articles and received several awards including Excellence in Ruminant Nutrition and International Agriculture from American Society of Animal Science. He served on two committees of The National Academies of Sciences, Engineering and Medicine on methane and nutrition of dairy cattle. He is regularly an invited speaker including TED and TEDx talks. His research was in the top 10 of all research conducted at the University of California system in 2021.

**The list is sorted in alphabetical order*



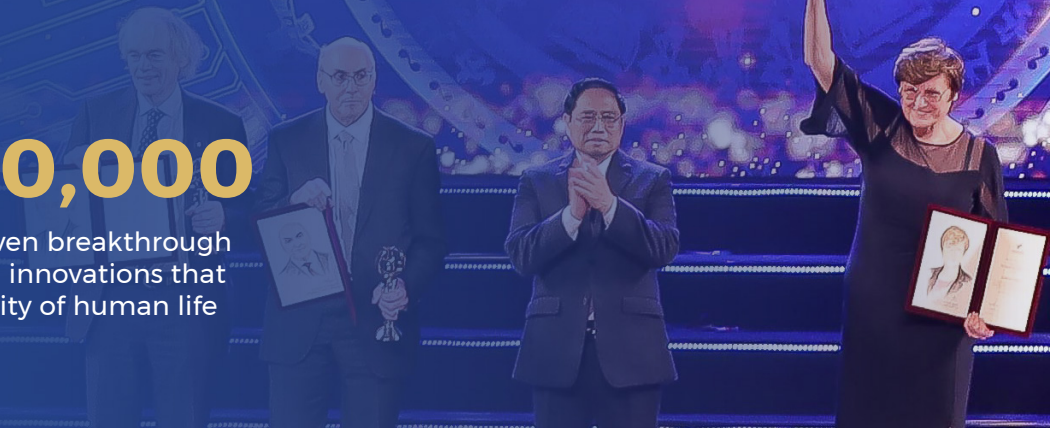
Prize Categories

A Grand Prize of

US\$3,000,000

is awarded annually to proven breakthrough research and technological innovations that positively improve the quality of human life

VINFUTURE
VINFUTURE GRAND PRIZE



Three additional special VinFuture Prizes valued at

US\$500,000

 each will be awarded to:

**Innovators from
Developing Countries**



Female Innovators



**Innovators with
Outstanding Achievements
in Emerging Fields**

Role of Nominators



Nominators are invited to nominate researchers, inventors, innovators in science, engineering, technology, or multi-disciplinary approaches to the VinFuture Prize.



Nominators contribute voluntarily to the development of science by nominating inventors to the Prize.

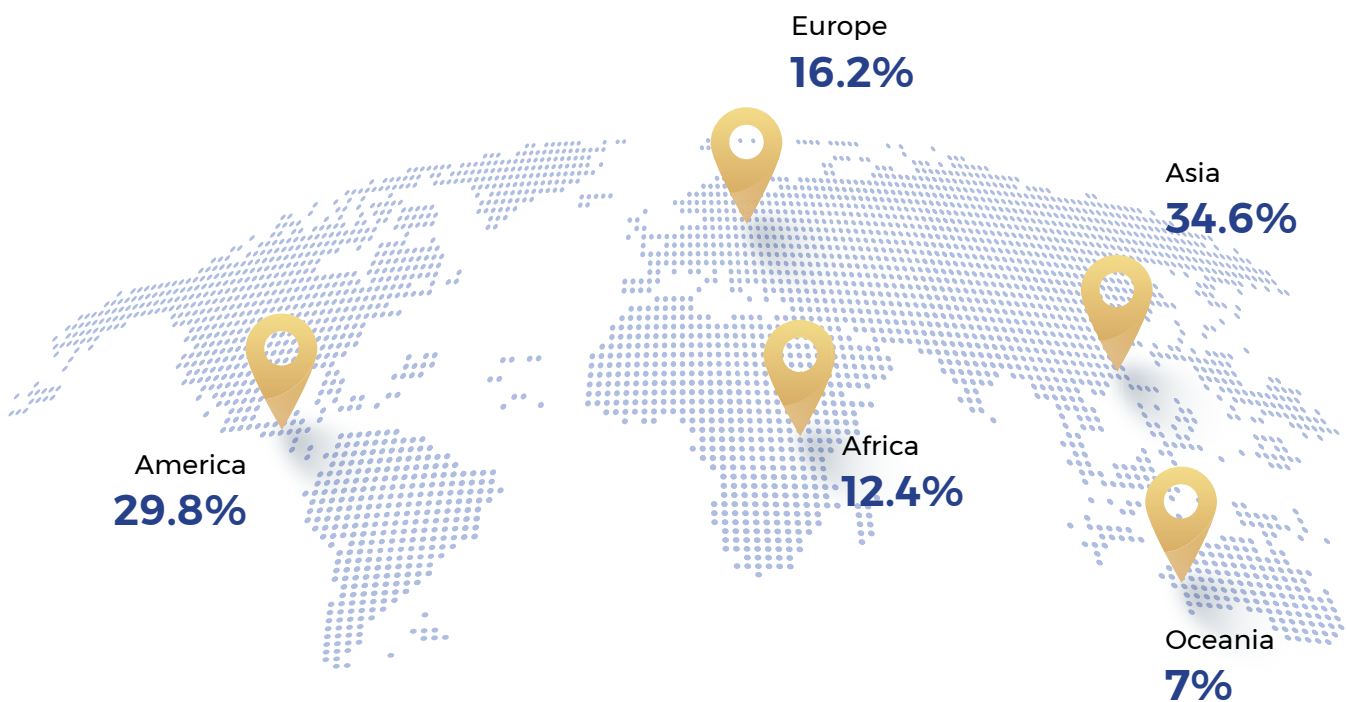


Each Nominator is eligible to submit a maximum of 4 nominations, one for each Prize category, including the Grand Prize and three Special Prizes for Female Innovators, Innovators from Developing Countries, and Innovators with Outstanding Achievements in Emerging Fields.

Updates from the VinFuture Prize

VinFuture has continued to reach out to prominent scientists, professors and recognized institutions and organizations around the world to invite them to identify the most deserving nominators and nominations. As of May 10th, 2022, more than 2,500 prominent individuals and organizations from more than 100 countries around the world have accepted our invitation to become the official nominators for the Prize over almost three months after the call for nominations. Please find below some information of the accepted nominators so far:

Nominators by Continent



Nominators by Institution & Researcher Impact



2022 Top 500 Universities & Institutes in all continents & majors

37.1%



2022 Top 2% Highly cited Researchers

23.3%

Frequently Asked Questions Highlights



1

Opportunity for All

Are early-career or indigenous scientists eligible to be nominated for VinFuture Prize?

Yes. There are no distinctions made between young, emerging, or established scientists; awards are made on the basis of the impact of the research on humanity and society. We are committed to supporting scientists from all backgrounds, regardless of their nationality, scientific areas, ethnic origin, or religious beliefs. Indeed, we are expanding our support for scientists from developing countries whose work can demonstrate a (potential) global impact.

2

Focus on Impacts: Both Proven & Potential

Research, discoveries, or innovations can have industrial, economic, or societal impacts. Does VinFuture Prize award research that has industrial or economic impacts?

We put a great emphasis on the impact on humanity. In some cases, modest impacts in the development stage or promising potential impact on millions or billions of people in the future should be considered in the VinFuture review process. Besides, we believe that science should be affordable and accessible to all people, and the benefits should not just pertain to a particular group or class of people. While we recognize that technology and research have the potential to generate enormous economic rewards, VinFuture Prize still puts humanity at the heart of its mission.

3

Encouragement for New Science

How are emerging fields determined for the Special Prize for Innovators with Outstanding Achievements in Emerging Fields?

Emerging Fields are defined as fields with new technologies or innovative breakthroughs that can demonstrate the potential to address global issues and create a positive impact on humanity and society. While the impact of such research may not be immediate, it should be anticipated within the next 10-20 years.

If you have any question during the nomination preparation stage, please visit:
Frequently asked questions: <https://vinfutureprize.org/faqs/>

Scientists' Views on VinFuture

“

We want to reach as widely as we can, across disciplines and across continents, to broaden the scope and impact of the VinFuture Prizes in reviving the post-pandemic world.



- Professor Sir Kostya S. Novoselov FRS,
Nobel Laureate in Physics 2010,
University of Manchester, UK

“

VinFuture Prize fosters the passion for science and its development in nations worldwide, which helps draw the attention of both scientific community and university students.



- Professor Gerald Albert Mourou
Nobel Laureate in Physics 2018,
École Polytechnique University,
Palaiseau, France

“

There's no limit to science and I believe that VinFuture Prize will be a major motivation for scientific research. When you look at the increasing number of nominees, always, it can be a little bit daunting. But it's not like a lottery, it doesn't make any difference how many they are, if you are the best, you are the best!



- Dr. Padmanabhan Anandan,
AI Matters Advisors LLC



Watch VinFuture X Keystone Symposia E-Panel:

Leveraging Nanoparticle Technologies for Novel Vaccines and Therapeutics

On April 27, the VinFuture Prize partnered with Keystone Symposia to hold the very first “Leveraging Nanoparticle Technologies for Novel Vaccines and Therapeutics” ePanel, featuring pioneering work by Dr. Pieter Cullis, winner of the 2021 VinFuture Grand Prize.



GUEST SPEAKERS:



Prof. Pieter Cullis

VinFuture Grand Prize
Laureate 2021



Prof. Philip Felgner

Director Vaccine R&D Center,
Physiology & Biophysics,
University of California, Irvine



Prof. Theresa Allen

Professor Emeritus,
Pharmacology & Oncology,
University of Alberta,
Edmonton



Link: [\[Full Event\] ePanel: Leveraging Nanoparticle Technologies for Novel Vaccines and Therapeutics - YouTube](#)

Please continue the conversation on Lipid Nanoparticle Technologies For Novel Vaccines And Therapies at [HERE](#)

Please help spread the information to your network and let us know if you have any question by emailing us at secretariat@vinfutureprize.org

SUBMIT YOUR NOMINATION AT:
<https://online.vinfutureprize.org/nomination>

NOMINATION DEADLINE:
11:59 PM – May 17th, 2022 (Vietnam Time, GMT +7)

Contact

Website: <https://vinfutureprize.org/>

Tel: (+84)-24-3208 5588 (Ext. 4079) (9:00 AM-5:00 PM, GMT +7)

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VinUniversity Campus, Vinhomes Ocean Park, Gia Lam District, Hanoi, Vietnam

***Thank you very much
for your support!***

From the VinFuture Foundation

