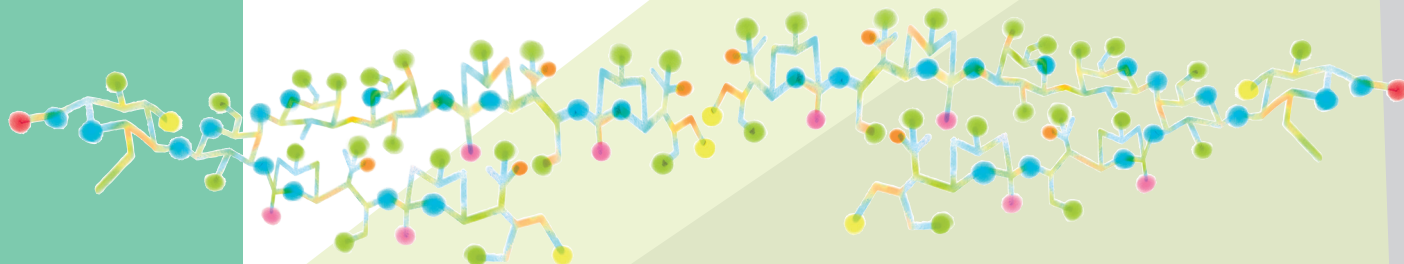


# Mizutani Foundation for Glycoscience



## Aim

The Mizutani Foundation for Glycoscience, on the basis of its global policy, awards grants to glycoscientists worldwide for innovative basic and applied research proposals, supports international exchanges of researchers in the field of glycoscience and also relevant meetings and their hosting organizations, aiming to promote glycoscience and contribute to the welfare of humankind.

## Major Activities

The Foundation conducts the following activities in order to achieve the above goals.

1. Worldwide award of research grants for innovative basic and applied research proposals in the field of glycoscience
2. Assistance in international exchanges between Japanese and overseas glycoscientists
3. Contribution to glycoscience-related meetings and their hosting organizations
4. Conduct other activities necessary to achieve the aims of the Foundation

## Organization

Chairperson : Ken Mizutani

Trustees : Tomoya Ogawa, Toshisuke Kawasaki, Yasuo Suzuki,  
Masaki Yanagishita, Ken Kitajima

Auditors : Takayasu Kishi, Hiroyasu Hayashi

Councilors : Yukishige Ito, Tatsurou Irimura, Makoto Kiso, Yuji Shimojima,  
Naoyuki Taniguchi, Shoko Nishihara, Yousuke Funakoshi,  
Koichi Honke, Shogo Oka

Secretary General : Hiroshi Maruyama

# Research Grant Awarded in 2025

Mizutani Foundation for Glycoscience received 122 research grant applications from 26 countries in 2024.

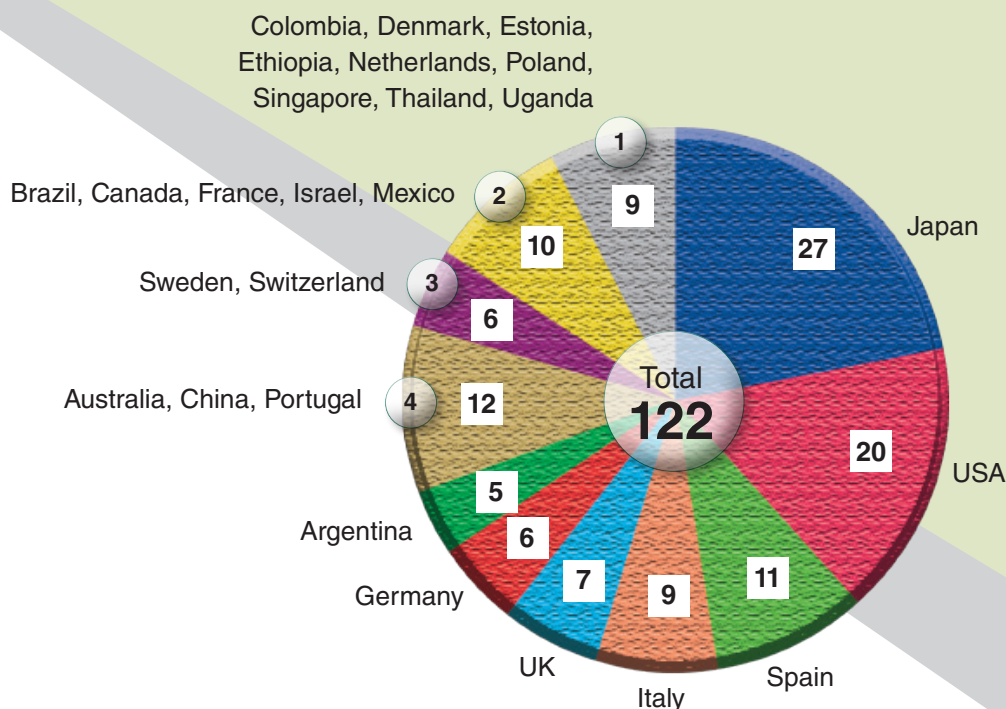
After careful evaluation for scientific and social merit, potentiality and feasibility, the Foundation decided to award the grants of approximately 70 million yen in total to the following 16 projects.

## Grant recipients

(in alphabetical order)

1. **Andersen, Morten** Macquarie University, Australia  
*Glycan markers against septic shock*
2. **Anthony, Robert** Massachusetts General Hospital, Harvard Medical School, United States  
*Defining Anti-Anaphylactic N-Linked Glycan Structures*
3. **Bennett, Alexander** University of Gothenburg, Sweden  
*Glycycle - Circadian Dynamics of the colonic mucus glycome*
4. **Ereno Orbea, June** CIC bioGUNE, Spain  
*Leveraging Siglec Glycoimmune Checkpoints to Boost CAR Therapy Efficacy*
5. **Foulquier, Francois** University of Lille/ CNRS, France  
*Decipher the lipid secrets of N-glycosylation*
6. **Lunghi, Giulia** University of Milano, Italy  
*Investigation of metabolic alterations contributing to neuronal degeneration in Gaucher Disease*
7. **Ma, Junfeng** Georgetown University, United States  
*Characterization of tyrosine O-GlcNAcylation*
8. **Manabe, Shino** Hoshi University, Japan  
*Enhancement of IgG function by chemically modified glycosylation*
9. **Mise, Koki** Okayama University Hospital, Japan  
*Glyco-proteogenomics to seek novel mechanisms of diabetic vascular complications*
10. **Morita, Yasu** University of Massachusetts Amherst, United States  
*Arabinan homeostasis in mycobacteria*
11. **Oka, Takuji** Sojo University, Japan  
*Fundamental studies on galactomannan biosynthesis in filamentous fungi*
12. **Okumura, Ryu** Osaka University, Japan  
*Elucidation of the mechanism how FAM3 family protein regulates glycosylation*
13. **Pinho, Salomé** i3S-Institute for Research and Innovation in Health, University of Porto, Portugal  
*Glyco-T: reprogramming T cell glycosylation in cancer immunotherapy*
14. **Sawamoto, Kazunobu** Nagoya City University, Japan  
*Glycan-driven neuronal migration and its application in regenerative medicine*
15. **Viollier, Patrick** University of Geneva, Faculty of Medicine, Switzerland  
*Chemical-genetic diversity of sialic acids in bacterial flagellation*
16. **Yamaji, Toshiyuki** Juntendo University, Japan  
*Search for novel glycolipid-related factors using a homemade paralog KO library*

## Number of applicants by country



# Grantees 1993-2025

Mizutani Foundation for Glycoscience invited research grants for thirty-two times and received 4,518 applications from 62 countries. After careful evaluation by the selection committee, the Foundation approved 513 projects of 31 countries and awarded a total of approximately 2,435 million yen to them.

**Grant recipients 1993-2025**

187	USA	10	Argentina, Spain
131	Japan	9	Germany
20	UK	7	Denmark, Switzerland
18	Canada	5	China
17	France	4	Belgium
15	Israel	3	Brazil, Finland
14	Australia, Italy	2	Hungary, Portugal, Taiwan
12	Netherlands, Sweden	1	Austria, Chile, Greece, India, Ireland, Nigeria, Slovak Rep., Slovenia, Uruguay

Total **513**

**Number of applicants by country 1993-2025**

Country	Applicants	Country	Applicants	Country	Applicants
USA	1491	Russia	23	Chile	5
Japan	699	Hungary	21	South Africa	5
UK	261	Malaysia	20	Bulgaria	3
Italy	236	Austria	16	Estonia	3
Australia	198	Ireland	14	Hong Kong	3
Israel	153	Taiwan	14	Turkey	3
Canada	152	Greece	13	Colombia	2
Spain	151	New Zealand	13	Costa Rica	2
Sweden	130	Norway	13	Cuba	2
France	117	Mexico	12	Iceland	2
Germany	104	Poland	12	Serbia&Montenegro	2
Argentina	87	Nigeria	11	Tanzania	2
Netherlands	85	Slovak Rep.	10	Uganda	2
Portugal	75	Korea	8	Ethiopia	1
China	58	Thailand	8	Iran	1
Switzerland	50	Croatia	7	Jamaica	1
Finland	47	Singapore	7	Kenya	1
Brazil	40	Slovenia	7	Peru	1
India	37	Uruguay	7	Saudi Arabia	1
Belgium	33	Czech Rep.	6	Sri Lanka	1
Denmark	23	Pakistan	6	<b>Total</b>	<b>4518</b>
				<b>Country</b>	<b>62</b>

# The 33<sup>rd</sup> Research Grant Offer for 2026

Mizutani Foundation for Glycoscience invites grant applications for basic and applied studies in the field of glycoscience.

## Eligibility

An applicant must

- 1) have a doctor's degree or its equivalent
- 2) have a documented capability of performing independent studies
- 3) be a member of a research institute where he or she can carry out the proposed project.

Previous grant recipients who were awarded prior to 2021 are eligible.

## Grant

As much as 7,000,000 yen may be requested. In principle, a grant will be approved for one year. However, if desired, the period can be extended up to one year with the approval of the Foundation. The total budget for grants is 70,000,000 yen per annum. No more than 10% of the grant may be used for indirect costs (overheads), and no part of the grant may be used for stipends of the principal and/or collaborative investigators.

## Selection

The applications will be reviewed by the selection committee consisting of specialists appointed by the Foundation based on followings.

- 1) Glycoscience field
- 2) Originality
- 3) Scientific and social merit
- 4) Feasibility

## Application

An applicant must

- 1) make registration on our website,  
(<https://www.mizutani.or.jp/grant/apply.html>)  
We open registration page from July 1st, 2025.
- 2) submit application documents as a single ZIP file.  
(Please obtain application guidelines and forms from our website in your preferred format. )

## Deadlines

September 1, 2025 (Japan Time). Selection Outcome will be notified to the applicants no later than February 20, 2026, and the successful proposals will be funded in March 2026.

The Protection of Personal Information: The Foundation will use personal information obtained in relation to the Research Grant for administrative purposes.

## International Conferences

Mizutani Foundation for Glycoscience offers grants to the organizers of international conferences to promote exchanges between Japanese and foreign glycoscientists. In the fiscal year 2024, we supported following conferences.

1. 2024 GRS/GRC on Glycolipid and Sphingolipid Biology	Texas, USA, 2/17-23, 2024
2. Trafficking and Glycosylation at the Golgi apparatus	Naples, Italy, 4/16-19, 2024
3. 7th Canadian Glycomics Symposium and the 10th Warren Workshop	Alberta, Canada, 5/27-29, 2024
4. The 13th International SialoGlyco Meeting 2024 (SialoGlyco 2024)	Lille, France, 6/4-7, 2024
5. 8th International Conference on Plant Cell Wall Biology	Santiago, Chile, 6/17-21, 2024
6. Proteoglycan Gordon Research Conference, Gordon Research Seminar	New Hampshire, USA, 7/6-12, 2024
7. The 31st International Carbohydrate Symposium	Shanghai, China, 7/14-19, 2024
8. 5th Australasian Glycoscience Symposium	Wellington, New Zealand, 8/27-30, 2024
9. 1st International Symposium on Glycosylphosphatidylinositol and its Deficiency: Bridging Basic Research to Medical Frontiers in PNH and IGD	Osaka, Japan, 9/10-11, 2024
10. 2024 Society for Glycobiology Annual Meeting (SFG 2024)	Florida, USA, 11/10-13, 2024

### Exchange Program

### Domestic Conferences in Japan

## Grant for Domestic Conferences in Japan

This grant is for organizers of domestic conferences held in Japan. We supported following conferences in the fiscal year 2024.

1. 第24回関西グライコサイエンスフォーラム	大阪、5/11, 2024
2. 第56回日本結合組織学会学術大会	茨城、6/15-16, 2024
3. 第56回若手ペプチド夏の勉強会	鳥取、8/7-9, 2024
4. 第38回日本キチン・キトサン学会大会	京都、8/29-30, 2024
5. 第43回日本糖質学会年会	神奈川、9/12-14, 2024
6. 糖鎖科学中部拠点フォーラム「若手の力」と糖鎖科学講義	愛知、9/21, 2024
7. 第73回日本応用糖質科学会2024年度大会	京都、9/25-27, 2024
8. 第23回青森糖質研究会	青森、10/4, 2024
9. 第18回東北糖鎖研究会	宮城、10/5-6, 2024
10. 第34回日本メイラード学会年会	宮城、10/12, 2024
11. GlycoTOKYO 2024 シンポジウム	東京、11/16, 2024
12. 第21回糖鎖科学コンソーシアムシンポジウム	福島、11/19-20, 2024
13. 第18回多糖の未来フォーラム	京都、11/22, 2024

# Grant Offer for Conferences

**Grant Application Guidelines for Glycoscience Meeting**

The Mizutani Foundation is to contribute to the welfare of mankind through promotion of scientific exchange between Japanese and foreign glycoscientists by contributing international conferences on glycoscience.

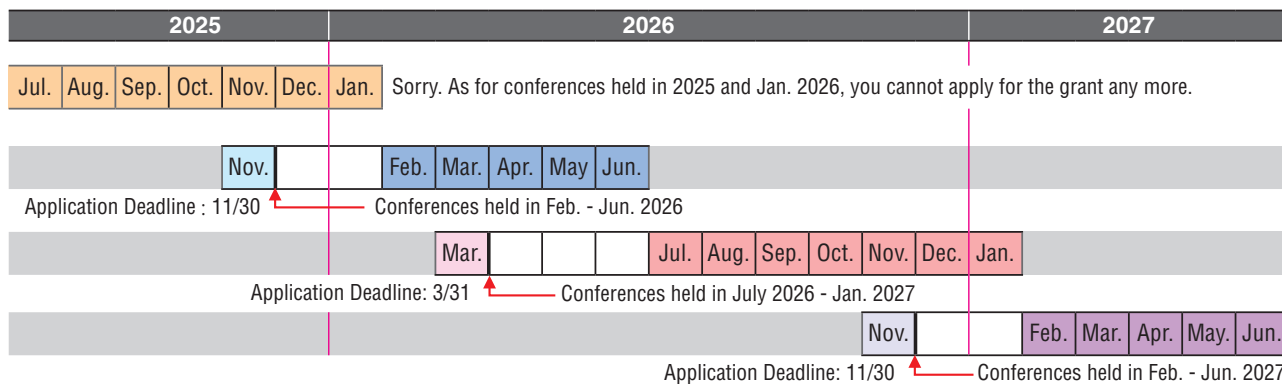
Proposals should be made an application format by the chairperson of the meeting.

After the meeting, please submit us a report of the meeting (the form is available from our website) within one month.

Our total yearly budget is JPY 5,000,000 and we expect to support approximately 20 conferences every year.

**The deadline date by which the application must be submitted**

Due to taking the time to review, the complete application must be emailed by deadline (Japan time).



1. November, 30 : For the meetings planned to be held in next February, March, April, May, and June
2. March, 31 : For the meetings planned to be held in this July, August, September, October, November, December and next January



**Mizutani Foundation for Glycoscience**

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