

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, Kenichi Kasai, Toshisuke Kawasaki, Yasuo Suzuki,
Masaki Yanagishita, Ken Kitajima

Auditors : Takayasu Kishi, Hiroyasu Hayashi

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

Secretary General : Hiroshi Maruyama

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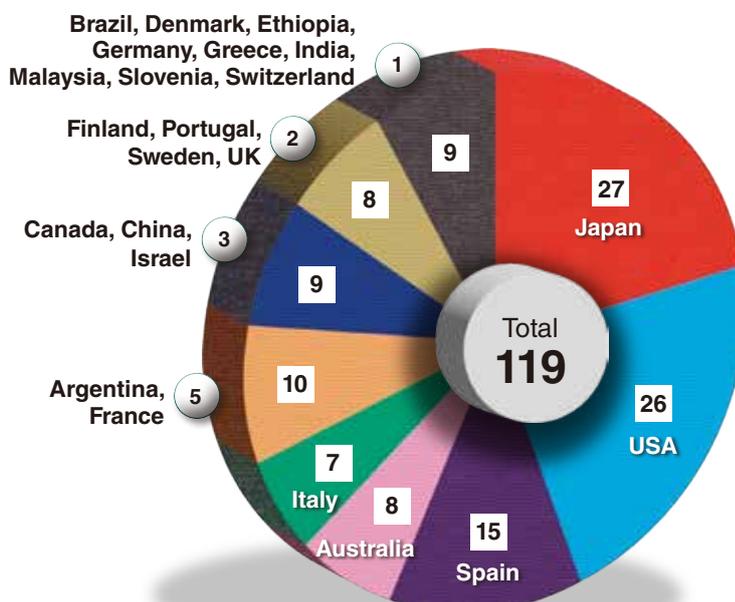
Research Grant Awarded in 2026

Mizutani Foundation for Glycoscience received 119 research grant applications from 23 countries in 2025. 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)

- Gao, Xiao-Dong** Institute of Process Engineering, Chinese Academy of Sciences, China
Identification and Characterization of Dolichol-Phosphate-Hexose Translocases
- Goddard-Borger, Ethan** The Walter and Eliza Hall Institute of Medical Research, Australia
Targeting tryptophan C-mannosylation in myeloproliferative neoplasms
- Grassi, Sara** Università degli Studi di Milano, Italy
Role of different GM3 species in myoblasts' metabolism and differentiation
- Hurtado-Guerrero, Ramon** University of Zaragoza, Spain
Targeting O-Glycans with Bispecific Antibodies and NK Cells
- Locher, Kaspar** ETH Zurich, Switzerland
Investigating dolichol biosynthesis: the lipid carrier enabling glycosylation
- Lupoli, Tania** New York University, United States
Improved routes to activated microbial sugars for cell-based glycan synthesis
- Macauley, Matthew** University of Alberta, Canada
Advancing an approach to decipher the glycan ligands of Siglecs in cancer
- Marino, Karina** Institute of Biology and Experimental Medicine (IBYME-CONICET), Argentina
Metabolic Disruption in Antibody-Secreting Cells: Impact on IgG Sialylation
- Mattot, Virginie** University of Lille/CHU Lille UMR-S 1172, France
Roles of proteoglycans and their glycosaminoglycans in central leptin signaling
- Murakami, Mark** Dana-Farber Cancer Institute, United States
Sialylated CD43 as a targetable vulnerability in acute lymphoblastic leukemia
- Ninagawa, Satoshi** Kobe University, Japan
Proposal of an ER-Resident Protein Quality Control System and Its Mechanisms
- Niu, Jia** Boston College, United States
Programmable O-GlcNAc Editing of Transcription Factors
- Ohkawa, Yuki** Osaka International Cancer Institute, Japan
Regulation of redox system via glycans and its application to cancer diagnosis
- Tanaka, Tomonari** Kyoto Institute of Technology, Japan
Chemical knock-in of clustered sugars onto cell surface and cancer immunotherapy
- Totani, Kiichiro** Seikei University, Japan
Catalytic mechanism of ER-endomannosidase discriminating defective glycoproteins
- Yoshida, Yukiko** Tokyo Metropolitan Institute of Medical Science, Japan
Mechanisms of capturing glycoproteins by N-glycan-recognizing ubiquitin ligases

Number of applicants by country



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Grantees 1993-2026

Mizutani Foundation for Glycoscience invited research grants for thirty-three times and received 4,637 applications from 62 countries. After careful evaluation by the selection committee, the Foundation approved 529 projects of 31 countries and awarded a total of approximately 2,505 million yen to them.

Grant recipients 1993-2026

190	USA	9	Germany
136	Japan	8	Switzerland
20	UK	7	Denmark
19	Canada	6	China
18	France	4	Belgium
15	Australia, Israel, Italy	3	Brazil, Finland
12	Netherlands, Sweden	2	Hungary, Portugal, Taiwan
11	Argentina, Spain	1	Austria, Chile, Greece, India, Ireland, Nigeria, Slovak Rep., Slovenia, Uruguay

Total **529**

Number of applicants by country 1993-2026

Country	Applicants	Country	Applicants	Country	Applicants
USA	1,517	Russia	23	Chile	5
Japan	726	Hungary	21	South Africa	5
UK	263	Malaysia	21	Bulgaria	3
Italy	243	Austria	16	Estonia	3
Australia	206	Greece	14	Hong Kong	3
Spain	166	Ireland	14	Turkey	3
Israel	156	Taiwan	14	Colombia	2
Canada	155	New Zealand	13	Costa Rica	2
Sweden	132	Norway	13	Cuba	2
France	122	Mexico	12	Ethiopia	2
Germany	105	Poland	12	Iceland	2
Argentina	92	Nigeria	11	Serbia&Montenegro	2
Netherlands	85	Slovak Rep.	10	Tanzania	2
Portugal	77	Korea	8	Uganda	2
China	61	Slovenia	8	Iran	1
Switzerland	51	Thailand	8	Jamaica	1
Finland	49	Croatia	7	Kenya	1
Brazil	41	Singapore	7	Peru	1
India	38	Uruguay	7	Saudi Arabia	1
Belgium	33	Czech Rep.	6	Sri Lanka	1
Denmark	24	Pakistan	6	Total	4,637
				Country	62

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The 34th Research Grant Offer for 2027

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 2022 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 1, 2026.
- 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, 2026 (Japan Time). Selection Outcome will be notified to the applicants no later than February 20, 2027, and the successful proposals will be funded in March 2027.

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

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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 2025, we supported following conferences.

Exchange Program

1. GlycoBioTec2025	Berlin, Germany, 2/10-12, 2025
2. Gordon Glycobiology Seminar and Conference	Lucca, Italy, 3/23-28, 2025
3. Glyco27- The 27th International Glycoconjugate Symposium and the 8th Canadian Glycomics Symposium	Alberta, Canada, 5/25-30, 2025
4. 16th Jenner Glycobiology and Medicine Symposium 2025	Kildare, Ireland, 6/11-13, 2025
5. 2025 Carbohydrates Gordon Research Conference (GRC)	New Hampshire, USA, 6/15-20, 2025
6. The 22nd European Carbohydrate Symposium (EUROCARB22)	Gdańsk, Poland, 7/6-10, 2025
7. O-GlcNAcylation in Health and Disease (ASBMB)	North Carolina, USA, 7/10-13, 2025
8. 1st Proteoglycan Consortium Symposium (Nordic-Japan Proteoglycan Atlas)	Oslo, Norway, 8/30, 2025
9. 16th International Conference on Chitin & Chitosan, 9th Iberoamerican Symposium on Chitin	Sonora, Mexico, 10/26-30, 2025
10. 13th International Proteoglycan Meeting In conjunction with the Annual Scientific Meeting of the Matrix Biology Society of Australia and New Zealand	Victoria, Australia, 10/27-31, 2025
11. 2025 Society for Glycobiology Annual Meeting (SFG 2025)	California, USA, 11/9-12, 2025
12. 14th Asian Community of Glycosciences and Glycotechnology (ACGG)	Bangkok, Thailand, 11/19-21, 2025
13. Pacificchem 2025 "Advances in Glycan Structure and Dynamics 2025 Symposium"	Hawaii, USA, 12/15-16, 2025

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 2025.

Domestic Conferences in Japan

1. 第24回青森糖質研究会	青森、5/16, 2025
2. 第57回日本結合組織学会学術大会	大阪、6/7-8, 2025
3. 第9回 FCCA シンポジウム・グライコサイエンス若手フォーラム 2025	東京、8/9, 2025
4. 第74回日本応用糖質科学会 2025 年度大会	岡山、9/3-5, 2025
5. 糖鎖科学中部拠点フォーラム「若手の力」と糖鎖科学講義	岐阜、9/5, 2025
6. 第39回日本キチン・キトサン学会大会	宮城、9/9-10, 2025
7. 第50回日本医用マスペクトル学会年会	愛知、9/12-13, 2025
8. 第26回応用薬理シンポジウム	東京、9/13-14, 2025
9. 第22回糖鎖科学コンソーシアムシンポジウム (JCGG)	東京、9/19-20, 2025
10. 第44回日本糖質学会年会	青森、10/2-4, 2025
11. GlycoTOKYO 2025 シンポジウム	神奈川、10/18, 2025
12. 第19回多糖の未来フォーラム	奈良、11/22, 2025
13. 第19回東北糖鎖研究会	新潟、11/22-23, 2025
14. 日本糖鎖科学コンソーシアム 未来を創るグライコサイエンス - 我が国のロードマップ - 改訂版 (2025 版) [出版物支援]	2025年4月

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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