

Soka University Glycan and Life Systems Integration Center

[Joint Research Application Materials]

1. Potential joint research themes

- (1) Research on the function of glycan genes (glycosyltransferases, transporters, etc.)
- (2) Research on glycans related to development, infection, immunity, nervous system, etc.
- (3) Glycan research related to human diseases
- (4) Research using glycan databases
- (5) Research using glycan-related data analysis (including omics research and machine learning)
- (6) Training of glycoscience researchers
- (7) Collaboration with domestic and overseas organizations as a joint usage / research center
- (8) Other relevant studies related to glycans

2. Available databases and equipment

Database server facilities, confocal laser scanning microscopes, cell sorters, radioisotope experimental facilities, etc. are available. Proposals should be made in collaboration with a researcher affiliated with GaLSIC, so please consult with the host researcher beforehand.

3. Contact list of potential host researchers

For more information on each area of expertise, please refer to the following URL:

<https://www.soka.ac.jp/glycan/members/>

Professor Shoko Nishihara	shoko★≡soka.ac.jp
Professor Kiyoko Aoki-Kinoshita	kkiyoko★≡soka.ac.jp
Professor Akira Togayachi	togayachi★≡soka.ac.jp
Professor Kiyohiko Angata	angata★≡soka.ac.jp
Professor Sayaka Takase	takase★≡soka.ac.jp
Senior Lecturer Zappa Achille	zappa★≡soka.ac.jp
Professor Tatsuo Unemi	unemi★≡soka.ac.jp
Associate Professor Kazuo Fujiwara	fujiwara★≡soka.ac.jp
Senior Lecturer Kazuyoshi Ito	kazuyoshi★≡soka.ac.jp
Senior Lecturer Yukie Taylor	taylor★≡soka.ac.jp
Professor Hideki Kawai	kawai★≡soka.ac.jp
Professor Masamichi Ikeguchi	ikeguchi★≡soka.ac.jp
Professor Masayasu Atsumi	matsumi★≡soka.ac.jp
Professor Norihiko Shinomiya	shinomi★≡soka.ac.jp
Professor Syuichiro Goda	goda★≡soka.ac.jp
Associate Professor Daisuke Kasamatsu	kasamatsu★≡soka.ac.jp

* Please replace “★≡” with “@”.

4. Prior procedures required for certain collaborative research

① **Submission of application form for Radiation Workers & RI Implementation Plan**

If the radioisotope facility is to be used in this institute for joint research, the registration procedure for radiation workers must be completed.

② **Recombinant DNA experiments, experiments using biosafety level 2 or higher microorganisms, and experiments using designated toxins**

If such experiments are involved in the joint research, approval by the ethics committee of Soka University is required.

③ **Animal Experiments**

In each joint research, if animal experiments are involved at this institute, approval by the ethics committee of Soka University is required.

④ **Research on humans and specimens obtained from human samples**

If joint research involves "research on humans and specimens obtained from humans" at this institute, approval by the ethics committee of the institution to which the researcher belongs is required in advance. In addition, examination and approval by the Soka University Institutional Review Board for Human Research, the Soka University Life Science Ethics Committee, or both committees may be required. You will also be required to submit a written consent approved by your institution when applying for joint research.

⑤ **Human Genome / Gene Analysis Research**

If joint research involves "human genome / gene analysis research" at this institute, approval by the ethics committee of the institution to which the researcher belongs may be required in advance. In addition, examination and approval by the Soka University Institutional Review Board for Human Research, the Soka University Life Science Ethics Committee, or both committees will be required. You may be asked to submit a written consent approved by your institution when applying for joint research.

[Contact]

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