

Application for the Grant for General Joint Research  
Program of the Institute for Genetic Medicine (IGM), Hokkaido University (FY 2023)

Date: \_\_\_\_\_

Institution (University, college, etc.)		
Academic Unit (School, Faculty, etc.)		
Applicant	Title	
	Name	
	A d d r e s s	
	T E L	
	F A X	
	E - M A I L	

Research projects of host researchers at IGM

\*Circle the number of the project(s) applicable to your research project.

1. Molecular mechanism of tumorigenesis caused by infection-associated genes: Toru Kondo (Stem Cell Biology)
2. Immune regulation for cancer and transplantation: Ken-Ichiro Seino (Immunobiology)
3. Dissecting the mechanisms and developing therapeutics for cancers caused by persistent bacterial or viral infection: Masahiro Sonoshita (Biomedical Oncology)
4. Analyses of innate immune responses associated with infection (SARS-CoV-2 etc.), cancer, and inflammation: Akinori Takaoka (Signaling in Cancer and Immunology)
5. Functions and regulation of membrane lipid dynamics in normal cells and cells from infection-associated cancers: Kazuma Tanaka (Molecular Interaction)
6. Structural biological studies of factors related to infectious tumors: Nobuo Noda (Division of biological molecular mechanisms)
7. Analysis of DNA structure and transcriptional regulation during the development of diseases including infectious cancers: Kenichi Noma (Genome Biology)
8. Roles of Gateway reflexes and IL-6 amplifier on infectious tumors, COVID-19, autoimmune diseases: Masaaki Murakami (Molecular Psychoimmunology)
9. Functional analysis of loss-of-polarity suppressors in infectious digestive cancer development:

Fumio Motegi (Developmental Physiology)

10. Study on the molecular mechanisms of viral hepatitis-induced infectious cancers: Kouji Moriishi (Hepatitis Virology)

11. Mechanisms inducing genome instability in infection-associated cancer : Masanori Hatakeyama (Center of infection-associated cancer)

12. Molecular mechanism underlying *Helicobacter pylori*-mediated gastric carcinogenesis : Naoko Kamiya (Division of Microbial Oncology)

13. Understanding the cell fate determination after oncogenic DNA or RNA virus infection: Tomohiko Okazaki (Laboratory of Molecular Cell Biology)

14. Establishment of animal models for infectious tumors including HPV+ cervical cancers and COVID-19: Kumiko Yoshimatsu (Laboratory of the animal experiment)

15. Functional control of immune cells and its application to the treatment of cancer and infectious disease: Hidemitsu Kitamura (Functional Immunology)

Title of Research Project		Is it new or continued
		new ▪ continued

Research Period	From (YMD)	to (YMD)
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Host researcher at IGM

Name of division :  
 Name of host researcher :  
 Role of the host researcher in the project proposed :

Research collaborators

Institution ▪ Academic unit	Title	※Young Researcher (35 or under) (Please put a circle)	※Young Researcher (Under40) (Please put a circle)	Name ▪ e-mail
				e-mail:
				e-mail:
				e-mail:

				e-mail:
				e-mail:
Research-related travel plan				
Name of traveler	Number of days requiring accommodation	Estimated travel expenses Enter the total amount of travel expenses (round-trip flight, surface transportations, accommodation and daily allowance) Note *1 below.		
		¥	(Departure Airport :	)
		¥	(Departure Airport :	)
		¥	(Departure Airport :	)
		¥	(Departure Airport :	)
		¥	(Departure Airport :	)
1. Travel expenses (Below shall not exceed 400,000 yen)		¥		
<p><b>【Travel expenses】</b></p> <ul style="list-style-type: none"> <li>• Travel expenses are calculated according to “HOKKAIDO UNIVERSITY TRAVEL EXPENSE RULES” and “HOKKAIDO UNIVERSITY TRAVEL EXPENSE REGULATIONS”, and granted within the budget.</li> <li>• Air fare will cover an economy class. The difference for an upper class has to be born by an applicant.</li> <li>• As a lodging fee, up to 13,500 yen per night is reimbursed according to “HOKKAIDO UNIVERSITY TRAVEL EXPENSE REGULATIONS”.</li> <li>• As a daily allowance, 4,500 yen is provided.</li> <li>• The destination for your travel expense has to be IGM, Hokkaido University (Sapporo City).</li> <li>• The age of the young researcher should be as of April 1, 2023.</li> </ul>				
2. Expenses for consumable supplies, etc. (includes printing and binding costs and costs for transporting animals) (Below shall not exceed 100,000 yen)		¥		
<p><b>[Consumable supplies]</b></p> <ol style="list-style-type: none"> <li>1. Only the expenses of consumable supplies delivered to the IGM are covered.</li> <li>2. For the General Joint Research Program, the following items are not covered by our financial support. <ol style="list-style-type: none"> <li>i. Office equipment (Even if below 100,000 yen, no grant is available for equipment which can be used repeatedly for an extended time, such as a printer.)</li> <li>ii. Office supplies (including printer toner)</li> </ol> </li> </ol>				

[Printing and binding]

1. Printing and manuscript submission fees are granted only if the support from the IGM is mentioned in the acknowledgements of your printed material.
2. The printed material must be submitted and be billable to the IGM within the applicable fiscal year.

[Transporting animals]

This refers to expenses incurred in the transportation of animals related to the joint usage or research activity to and from the IGM.

Total (Sum of 1 to 2)

¥

Purpose of the research project

The proposed research plan and methods (State whether the plan contains recombinant DNA experiments or experiments on animals.)

Necessity of the joint research with IGM

Expected results and significance of the joint research

Summary of the results and significance of the previous study if the project proposed is continued one. ※Please put '#' in case of joint paper(s), and put '*', if the statements for financial support or usage of our facilities were described in the Acknowledgement.