

## Application for SHIROKANE Private Use

Japanese  English

Year      Month      Day

Attn: Director of Human Genome Center, the Institute of Medical Science, the University of Tokyo FV 3\_3.00\_5

I apply to use the Supercomputer System of the Center. I have read and agree to the terms of use.  
 (https://supcom.hgc.jp/english/utuli\_info/procedure/kitei.pdf) (For this application, you must check the box to signify your agreement.)

<b>Type</b>	<input type="radio"/> Use <small>For the first time of use, Continuous use, Change of application</small> <input type="radio"/> Suspend account	
<b>Section</b>	<input type="radio"/> Academic <input checked="" type="radio"/> Private	
<b>System</b>	<input checked="" type="radio"/> SHIROKANE	
Fill out the box on the right if you are Change application/Suspend account.	Representative user username <input style="width: 100px;" type="text"/>	In case of "suspending" please send "the list of published papers and the published web sites" to support@hgc.jp.
	Reason for change/suspension	
<b>Representative user</b>	Nationality	<input style="width: 100%;" type="text"/>
	Title	<input style="width: 100%;" type="text"/>
	Affiliation	<input style="width: 100%;" type="text"/>
	Address	Postal Code      Phone (      )      -      Ext.
<b>Person responsible for the research</b>	Title	<input style="width: 100%;" type="text"/>
	Affiliation	<input style="width: 100%;" type="text"/>
	Address	Postal Code      Phone (      )      -      Ext.
	Research topic	<input style="width: 100%;" type="text"/>
<b>Application information</b>	Requested username <small>or the existing username which belongs to this group as the secondary group</small>	Existing group name / Requested new group name (optional)
	First choice <input style="width: 100%;" type="text"/>	First choice <input style="width: 100%;" type="text"/>
	Second choice <input style="width: 100%;" type="text"/>	Second choice <input style="width: 100%;" type="text"/>
	Third choice <input style="width: 100%;" type="text"/>	Third choice <input style="width: 100%;" type="text"/>
If you use the Free course, don't need to fill out Person in charge of finance/Billing information.		
<b>Person in charge of finance</b>	Title	<input style="width: 100%;" type="text"/>
	Affiliation	<input style="width: 100%;" type="text"/>
	Address	Postal Code      Phone (      )      -      Ext.
<b>Billing information</b>	Billed to (name):	<input style="width: 100%;" type="text"/>
	Sent to:	<input type="radio"/> User <input type="radio"/> Person responsible for the research <input type="radio"/> Person in charge of finance <input type="radio"/> Other (write below)
<b>Notes</b>	Please fill it in here If you wish to request a Billing process.	

Continued on next page.

Use this page to specify the course and options you would like to use.

\* By filling out this form in Excel, you can calculate your usage fees. However, the usage fees displayed here may not be precise. Consider them approximations.

\* Only edit the area within the bold lines.

\* Here is an example of how to fill out the form.

1. Select 'form of payment.'
2. Select a usage course and period. If you wish to use the H1 course for three months from January to March, select H1 for January, February, and March columns.  
Concerning yearly use: Users cannot apply for yearly use in the middle of the fiscal year. If you currently use a yearly course and wish to change to a different course, you can only change to a higher course. We will take monthly payments for the difference in prices.
3. For "additional exclusive," "additional account," and "additional home disc space," enter the period which you will use each as an integer of the relevant unit.
4. To ensure you selected the correct period of use, choose the 'starting month' and 'ending month.'

The amount of resources you can use per month and the fee will be displayed in the 'application subtotal' box.

Billing process of "Single payment" case starts about one month earlier than the final use month. If you have the request of billing period, please fill in the remarks. Billing process of "Monthly payment" case starts at following month of the use month.

Form of payment		Please note that yearly contract applications will also be calculated by monthly payment if you choose to pay by the month.															
		<input checked="" type="radio"/> Single payment <input type="radio"/> Monthly payment															
Course	Fee (Yen)		Period Years   Months	Usage fee (subtotal)	Yearly	Monthly											
	Yearly	Monthly				Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
E I D L H				H		0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00	0.E+00
Will not use	-	-	-	-	-												
Trial course	-	-	-	-	-												
H1	108,000	9,000	0	¥0													
H2	216,000	18,000	0	¥0													
H3	360,000	30,000	0	¥0													
H4	720,000	60,000	0	¥0													
H5	1,368,000	114,000	0	¥0													
H6	2,760,000	230,000	0	¥0													
H7	4,680,000	390,000	0	¥0													
H8	9,360,000	780,000	0	¥0													
H9	18,480,000	1,540,000	0	¥0													
Starting month (1-)					-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ending month (-12)					-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Common options	Service name	Yearly cost	Monthly	Number	Usage fee	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
	Additional exclusive (per 24 CPU cores)	360,000	30,000	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	Additional shared (per 307 CPU cores)	432,000	36,000	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	Additional Fat nodes	432,000	36,000	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	Additional home disk space (per 1TiB)	72,000	6,000	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	Additional Archive Disk (per 1TiB)	6,000	500	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
	-	0	0	0	¥0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Amount of usable memories (GB)</b>					-	0	0	0	0	0	0	0	0	0	0	0	0
<b>Number of potentially usable CPU cores (exclusive)</b>					-	0	0	0	0	0	0	0	0	0	0	0	0
<b>Number of potentially usable CPU cores (shared)</b>					-	0	0	0	0	0	0	0	0	0	0	0	0
<b>Home Disk</b>		<b>Space (TiB)</b>			-	0	0	0	0	0	0	0	0	0	0	0	0
<b>*Trial: 100GiB, 1k files</b>		<b>Number of files (million)</b>			-	0	0	0	0	0	0	0	0	0	0	0	0
<b>Archive Disk space (TiB)</b>					-	0	0	0	0	0	0	0	0	0	0	0	0
-					-	0	0	0	0	0	0	0	0	0	0	0	0
<b>Fat nodes use</b>					-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Monthly use fee chart</b>																	
<b>First month</b>		-			<b>July (7)</b>						¥0						
<b>January (1)</b>		¥0			<b>August (8)</b>						¥0						
<b>February (2)</b>		¥0			<b>September (9)</b>						¥0						
<b>March (3)</b>		¥0			<b>October (10)</b>						¥0						
<b>April (4)</b>		¥0			<b>November (11)</b>						¥0						
<b>May (5)</b>		¥0			<b>December (12)</b>						¥0						
<b>June (6)</b>		¥0			<b>Usage fee (total)</b>						¥0 tax included						

## Technical support services

Please submit this form to apply for technical support service.

The technical support service operates by a support point (SP) system. With this form, you can apply for necessary SP, get a fee estimate, and apply for the technical support service. First enter your available SP and the number of units (5,000 yen/unit) that you wish to purchase. Then select the technical support service you would like, using SP up to the number in your possession (unused SP + purchased SP). \*SP are only valid for the year in which they were purchased.

<b>service</b>	You may purchase support points (SP) in blocks (units) of 1. One unit (1 SP) is 5,000 yen.		¥0	Currently available SP	0 SP	Total number of SP	<b>Remaining 0</b>										
				Units to purchase	0 Unit		0/0 0 0 [SP]										
<b>support</b>	<b>Service name</b>		<b>Necessary SP</b>	<b>Use SP</b>	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
	<b>Delivery line</b>	<b>disk service</b>	Portable disk connection (read only)	-	<b>Free</b>	This is a service in which an external disk brought in by the user (size: up to 10 TB) can be connected to the Supercomputer (read only) for up to two weeks. *Data on the Supercomputer cannot be copied onto the external disk.											
		<b>line</b>	Portable disk connection (full access)	4 SP	0	0	0	0	0	0	0	0	0	0	0	0	0
			Disk delivery service (standard)	1 SP/Disk	0	<input type="radio"/> Yes <input type="radio"/> No											
		<b>service</b>	Disk delivery service (premium)	2 SP/Disk	0	<input type="radio"/> Yes <input type="radio"/> No											
	Short term application for massively parallel job execution		10 SP /256 cores	0	<input type="radio"/> Yes <input type="radio"/> No												
	<b>Technical</b>	<b>Security pack</b>		20 SP/year	0	<input type="radio"/> Yes <input type="radio"/> No											
		SSH login monitor (white list registration service)				We will send daily e-mails to the applicant's user account with SSH connection history. The user can also define permitted user accounts, referring to the white list set in his or her home directory.											
		File access permissions monitor				We will send a weekly e-mail with a list of files in the users home directory that have a permission bit set for group or other.											
		Hard disk destruction		1 SP/time	0	<input type="radio"/> Yes <input type="radio"/> No											
Software installation		-	<b>Free</b>	A service for installing requested software. *Depending on the software, we may require a long time to complete installation, and we may be unable to install to it and therefore deny the request.													
Software priority installation		10 SP/time	-	Users must sometimes wait a month for normal software installation. However, if users apply for this service, they will be given priority for installation of the software by a specialist engineer. *Depending on the software, we may require a long time to complete installation, and we may be unable to install to it and therefore deny the request.													
<b>Technical support estimated usage fee (total)</b>		<b>¥0 (taxes included)</b>															

## Notes

- 1 Print on both sides of the paper.
- 2 Please use the latest application form on the Web site of Human Genome Center.  
[https://supcom.hgc.jp/c/riyou\\_sinsei.xlsm](https://supcom.hgc.jp/c/riyou_sinsei.xlsm)
- 3 Students and student researchers must receive a signature or seal of approval from their supervisor.
- 4 Please have one person in charge of payment per laboratory.
- 5 To add/remove user accounts except the representative user, please submit the Application for User Accounts.
- 6 If you are applying for account renewal (continued 'Use' of the following year) or account suspension, you must also submit a usage report, or your application will not be processed.
- 7 Please include one of the following statements in the main text or the Acknowledgements section of any papers published as a result of research that employed the resources of the HGC computer system. You may adjust the wording to fit into the text.

(English)

- a. The super-computing resource was provided by Human Genome Center (the Univ. of Tokyo).
- b. The super-computing resource was provided by Human Genome Center, the Institute of Medical Science, the University of Tokyo.
- c. The super-computing resource was provided by Human Genome Center (the Univ. of Tokyo)[1].
- d. The super-computing resource was provided by Human Genome Center, the Institute of Medical Science, the University of Tokyo[1].
- e. The super-computing resource was provided by Human Genome Center, the Univ. of Tokyo (<http://sc.hgc.jp/shirokane.html>).
- f. The super-computing resource was provided by Human Genome Center, the Institute of Medical Science, the University of Tokyo (<http://sc.hgc.jp/shirokane.html>).

[1] <http://sc.hgc.jp/shirokane.html>

(Japanese)

- a. 本研究は、東京大学ヒトゲノム解析センター・スーパーコンピュータを利用しました。
- b. 本研究は、東京大学医科学研究所ヒトゲノム解析センターのスーパーコンピュータを利用しました。
- c. 本研究は、東京大学ヒトゲノム解析センター・スーパーコンピュータを利用しました [1]。
- d. 本研究は、東京大学医科学研究所ヒトゲノム解析センターのスーパーコンピュータを利用しました [1]。
- e. 本研究は、東京大学ヒトゲノム解析センター・スーパーコンピュータを利用しました (<http://sc.hgc.jp/shirokane.html>)。
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## When can I get an invoice?

Billing process of "Single payment" case starts about one month earlier than the final use month. Please let me know if you have other request. Billing process of "Monthly payment" case starts at following month of the use month.