

Okinawa Institute of Science and Technology School Corporation

Financial Statements

Year ended March 2021

From: April 1, 2020

To: March 31, 2021

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Balance Sheets

As of March 31, 2021

(Unit: Yen)

Assets		
I Noncurrent assets		
1 Properties, plants, and equipment		
Land		1,659,667,000
Buildings	55,717,427,473	
Accumulated depreciation	<u>-15,783,585,143</u>	39,933,842,330
Structures	8,084,842,029	
Accumulated depreciation	<u>-2,438,493,841</u>	5,646,348,188
Machineries	234,056,708	
Accumulated depreciation	<u>-206,573,544</u>	27,483,164
Equipment	27,183,522,486	
Accumulated depreciation	<u>-21,314,765,373</u>	5,868,757,113
Books		8,088,892
Vehicles and transportation equipment	27,426,192	
Accumulated depreciation	<u>-27,204,509</u>	221,683
Lease assets	1,456,333,716	
Accumulated depreciation	<u>-1,455,528,296</u>	805,420
Construction in progress		<u>6,030,106,212</u>
Total properties, plants, and equipment		<u>59,175,320,002</u>
2 Intangible assets net of amortization		
Patents		97,261,155
Trademark rights		250,162
Software		149,474,357
Patents (in the process of filing)		107,221,001
Others		<u>27,353,539</u>
Total intangible assets, net		381,560,214
3 Investments and other assets		
Investments in securities		5,000
Security deposits		1,612,500
Long-term prepaid expenses		7,752,711
Lease investment assets (Long-term)		<u>5,213,896,902</u>
Total investments and other assets		5,223,267,113
Total noncurrent assets		64,780,147,329
II Current assets		
Cash and cash equivalents		2,978,135,475
Accounts receivable		1,113,048,098
Supplies		54,278,462
Advance payments		499,411
Prepaid expenses		49,498,302
Lease investment assets (Short-term)		<u>153,563,627</u>
Total current assets		<u>4,349,023,375</u>
Total assets		<u><u>69,129,170,704</u></u>
Liabilities		
I Noncurrent liabilities		
Encumbrance for assets - subsidy for operation		12,996,376,790
Encumbrance for assets - donation		124,822,184
Encumbrance for assets - donated by Japan government		677,610
Allowance-retirement benefits		156,263,100
Long-term accrued amounts payable		5,235,374,839
Long-term lease obligations		<u>115,060</u>
Total noncurrent liabilities		18,513,629,583
II Current liabilities		
Advance received		71,832,074
Deposits received - subsidy for operation		
Deposits received - subsidy for operation	487,254,231	
Deposits received - subsidy for facility	<u>5,697,283,690</u>	6,184,537,921
Deposits received - donation		72,523,778
Deposits received - Kakenhi		132,407,376
Deposits received - others		106,697,622
Accounts payable		2,560,998,716
Short-term lease obligations		690,360
Accrued expenses		<u>83,515,165</u>
Total current liabilities		<u>9,213,203,012</u>
Total liabilities		<u><u>27,726,832,595</u></u>
Equities		
I Contributions		
Contributions from government		<u>24,317,681,264</u>
Total contributions		24,317,681,264
II Additional paid-in contributions		
Additional paid-in contributions		31,698,004,436
Accumulated depreciation - directly deducted from equity (-)		<u>-15,880,261,926</u>
Total additional paid-in contributions		15,817,742,510
III Retained earnings		
Voluntary reserve funds		
Special reserve funds		80,532,854
Accumulated net income		1,186,381,481
(Net income/(-loss) for FY2017)	(460,418,771)	
Total retained earnings		<u>1,266,914,335</u>
Total equities		<u><u>41,402,338,109</u></u>
Total liabilities and equities		<u><u>69,129,170,704</u></u>

Profit and Loss Statements

For the year ended March 31, 2021

(Unit : Yen)

Ordinary revenues			
Tuition fees		105,570,000	
Subsidy for operation		14,788,539,920	
Subsidy for facility		12,303,498	
Sponsored research from national and local governments		94,721,429	
Sponsored research from nongovernments		124,941,678	
Joint research		21,274,706	
Donations		21,191,365	
Subsidy for other		26,303,326	
Property rent revenue		8,242,000	
Land rent revenue		10,495,564	
Reversal of encumbrance for assets - subsidy for operation		3,294,473,903	
Reversal of encumbrance for assets - donations		53,315,895	
Financial revenues			
Interest income	104,189,659	104,189,659	
Miscellaneous revenues		509,090,179	
Ordinary revenues total		509,090,179	19,174,653,122
Operating expenses			
Research and education expenses			
Personnel costs	6,261,038,896		
Other expenses			
Research supplies	1,418,440,645		
Supplies & Consumables	722,124,109		
Utilities	836,138,047		
Travel and transportation	86,657,476		
Communication and transportation expenses	70,221,259		
Rent	449,101,495		
Outsource	860,436,905		
Repair costs	362,364,899		
Maintenance fees	1,666,830,939		
Library expenses	233,454,534		
Depreciation	3,342,422,644		
Others	115,334,286	10,163,527,238	16,424,566,134
General and administrative expenses			
Personnel costs	1,459,538,746		
Other expenses			
Office supplies	52,711,313		
Travel and transportation	39,788,278		
Communication and transportation expenses	47,485,542		
Rent	18,043,705		
Outsource	259,564,657		
Service and advisory fees	49,975,768		
Advertising expenses	17,368,306		
Depreciation	36,987,038		
Others	185,972,370	707,896,977	2,167,435,723
Financial expense			
Interest expense	111,605,411		
Foreign currency transaction loss	7,262,475	118,867,886	
Operating expenses total		118,867,886	18,710,869,743
Net ordinary income/(-loss)			463,783,379
Extraordinary income			
Reversal of encumbrance for assets - subsidy for operation		564,545	
Reversal of encumbrance for assets - donation		2,086,800	
Total extraordinary income		2,651,345	2,651,345
Extraordinary loss			
Loss on retirement of noncurrent assets		6,015,953	
Total extraordinary loss		6,015,953	6,015,953
Net income/(-loss)			460,418,771
Gross income/(-loss)			460,418,771

Statements of Cash Flows

From April 1, 2020 to March 31, 2021

(Unit: Yen)

I	Cash flows from operating activities	
	Tuition fees	105,570,000
	Funds received from government - subsidy for operation	17,260,989,674
	Funds received from outside parties - sponsored research	297,374,241
	Funds received from outside parties - donations	22,427,110
	Funds received from government - subsidy for others	-42,426,564
	Funds received from employees - property rent - dormitory	8,242,000
	Funds received from others	514,985,312
	Net cash increase in advanced-received (Kakenhi:Grant-in-aid for scientific research)	21,658,131
	Payments to employees	-7,685,353,845
	Purchase of inventories	-1,374,090
	Payments of other than payments to employees	-7,915,394,316
	Returns to national government - subsidy for operation	-88,161,390
	Net cash provided by operating activities	2,498,536,263
II	Cash flows from investing activities	
	Purchase of property, plant, and equipment	-8,130,729,679
	Purchase of intangible assets	-13,666,693
	Funds received from government - subsidy for facility	4,817,609,946
	Payments for other investing activities	304,628
	Subtotal	-3,326,481,798
	Received interest and dividends	3,250
	Net cash used in investing activities	-3,326,478,548
III	Cash flows from financial activities	
	Payments for finance lease liabilities	-690,360
	Net cash used in financial activities	-690,360
IV	Foreign exchange gain	-7,262,475
V	Net cash increase/(decrease) in cash and cash equivalents	-835,895,120
VI	Cash and cash equivalents at beginning of year	3,814,030,595
VII	Cash and cash equivalents at end of year	2,978,135,475

Profit Appropriation Statements

As of March 31, 2021

(Unit: Yen)

I Unappropriated retained earnings	
Gross profit	460,418,771
Retained earnings at the beginning of a period	725,962,710
II Retained earnings	<u><u>1,186,381,481</u></u>

Statements of Administrative Service Costs

From April 1, 2020 to March 31, 2021

(Unit: Yen)

I Ordinary expenses		
(1) Ordinary expenses stated on Profit and Loss Statements		
Research expenses	16,424,566,134	
General and administrative expenses	2,167,435,723	
Financial expenses	118,867,886	
Extraordinary loss	6,015,953	18,716,885,696
(2) (Less) Revenue from outside parties		
Tuition fees	△ 105,570,000	
Sponsored research	△ 219,663,107	
Joint research	△ 21,274,706	
Donations	△ 21,191,365	
Property rent revenue	△ 8,242,000	
Land rent revenue	△ 10,495,564	
Reversal of encumbrance for assets donation	△ 53,315,895	
Financial revenue	△ 104,189,659	
Miscellaneous income	△ 442,202,365	△ 986,144,661
Total ordinary expenses		17,730,741,035
II Depreciation-directly deducted from equity		2,170,520,091
III Estimated allowance for retirement benefits		654,000
IV Opportunity costs		
Opportunity costs of free rental fee or reduction rental fee from national/local government	157,277,063	
Opportunity costs of national/local government	53,172,396	210,449,459
V Administrative service costs		20,112,364,585

Notes to Financial Statements

I. Important accounting policy

1. Supplies

Others are reported at lower of cost or progressive average inventory method.

2. Depreciation

(1) Property, plant, and equipment

Depreciation is recognized on the straight-line method under The Corporation Tax Law.

In accordance with OIST Accounting standards, Article 40 depreciation on specified assets is directly deducted from equity stated as "Accumulated depreciation-directly deducted from equity."

(2) Intangible Assets

Depreciation is calculated on the straight-line method.

Useful life of software for in-house use is amortized over five years.

3. Allowance for retirement benefits

(1) Allowance-retirement benefits

Allowance for retirement benefits for employees is recognized on liability for FY2020 within estimated payment amount in the future.

4. Opportunity costs on the statements of administrative service costs

(1) Calculation of opportunity costs of lending by means of free rental fee or reduction rental fee of the property of the national/local governments has been calculated based on the JASDF Onna Sub Base and agricultural land unit price.

(2) Interest rate used to calculate the opportunity cost pertaining to government contributions

Opportunity costs of the national/local government are calculated at the percentage of 0.12% which refers to the interest rate for 10-year government bonds at the end of March 2021.

5. Foreign currency transactions

Foreign currency transactions are converted to yen at the spot exchange rate as of the closing date, and the translation difference is recorded in profit and loss.

6. Leases

Finance lease transactions are calculated in accordance with standard sales transaction procedures.

Among those finance lease transactions, non-ownership transfer finance lease transactions where a total amount of leasing is less than 3 million yen, are calculated in accordance with standard operating lease transaction procedures.

7. Accounting standards for income and expenses

(1) Accounting standards related to income from finance leases (lessor)

Accounted for based on the method of allocating an amount equivalent to the interest to each period without posting sales.

8. Consumption tax

The tax-included method is adopted for consumption tax accounting.

II. Additional information

1. Summary of transactions and accounting treatment regarding the village zone housings

The University entered into a contract with OKINAWA SCIENTISTS VILLAGE Inc. (hereafter the "Business Operator") on September 30, 2011, regarding the housings maintenance business. The Business Operator, based on the corresponding contract, was to construct housings located on premises owned by the University that would be for use by students and faculty staff members and transfer the housings to the University after its completion. Construction of the housings was to consist of three phases. The first phase, the second phase, the third-(1) phase and the third-(2) phase were completed at each fiscal year 2012, 2013, 2014 and 2015. The housings were then delivered to the University. The University entered into a contract with OKINAWA SCIENTISTS VILLAGE II Inc. (hereafter the "Business Operator") on June 11, 2019, regarding the housings maintenance business, and the Hill Side and South Hill A, B and C accommodations as Phase 2 of this project was completed and delivered in fiscal year 2020.

Upon completion of the received them from the Business Operator under a long-term installment purchase and at the same time entered into a building loan agreement by way of a periodic lease with the Business Operator, and is leasing the housings. The long-term installment purchase amount in accordance with the acquisition of the housings is the same amount as the lease payments relating to the housings. Further, the payment schedule and the amount to pay each year including interest are also set at the same amount. Hence, the payment amounts for each year are canceled out and no payments are made to each other. The building loan agreement by way of a periodic lease stipulates that the Business Operator cannot in principle cancel the lease contract during the term and that the housings will be returned to the University after the end of the lease term. Lease transactions between the University and the Business Operator are accounted for by treating them as a finance lease where ownership is not transferred (to the lessor).

Furthermore, when accounting for such transactions they are treated as a finance lease where ownership is not transferred (to the lessor), and an amount equivalent to the interest is allocated to each period without posting sales and the housings that were handed over is stated as a lease investment asset.

III. Balance sheets

1. Subsidy for operation and facility

(1) Deposits received - subsidy for operation	
Returns to National government	53,990,408 yen
Closing balance of encumbrance for construction in progress - subsidy for operation in SC	326,050,922 yen
Closing balance of encumbrance for patent - subsidy for operation in SC	107,212,901 yen
Total of closing balance	487,254,231 yen
(2) Deposits received - subsidy for facility	
Closing balance of encumbrance for construction in progress - subsidy for facility in SC	5,697,283,690 yen
Total of closing balance	5,697,283,690 yen

IV. Statement of Cash Flows

(1) Breakdown of the balance sheet by year-end balance of funds

Cash and cash equivalent	2,978,135,475 yen
Balance of funds at end of year	2,978,135,475 yen

(2) Important non-financial transactions

Amount of investments related to finance leases (lessee) newly recognized in the term	0 yen
Amount of lease payable related to acquisition of lease assets newly recognized in the term	0 yen

V. Statements of administrative service costs

Estimated allowance for retirement benefits includes 654,000 yen concerning loaned employees from the government and other organizations.

VI. Notes to finance leases

1. Lessee

(1) Details of lease assets

Service vehicles (OIST bus)

(2) Depreciation method of lease assets

<Leased assets relating to ownership-transfer finance lease transactions >

Ownership-transfer finance lease transactions are depreciated using the same method adopted for self-owned fixed assets.

<Leased assets relating to finance lease transactions without the transfer of ownership >

Depreciated using the straight-line method over the useful life of the lease term, with no residual value.

2. Lessor

(1) Breakdown of investments in leases

(i) Investments and other assets

Portion of lease receivables	6,646,662,584yen
Amount equivalent to interest income	△1,432,765,682yen
Lease investment assets	5,213,896,902yen

(ii) Current assets

Portion of lease receivables	260,240,398yen
Amount equivalent to interest income	△106,676,771yen
Lease investment assets	153,563,627yen

(2) Scheduled recoverable amount of the lease receivables part pertaining to lease investment assets after the closing date

(i) Investments and other assets

(Unit: Yen)

	Within 1 year	More than 1 year but not more than 2 years	More than 2 year but not more than 3 years	More than 3 year but not more than 4 years	More than 4 year but not more than 5 years	More than 5 years
Portion of lease receivables	-	260,452,079	260,668,682	260,890,329	261,117,145	5,603,534,349

(ii) Current assets

(Unit: Yen)

	Within 1 year	More than 1 year but not more than 2 years	More than 2 year but not more than 3 years	More than 3 year but not more than 4 years	More than 4 year but not more than 5 years	More than 5 years
Portion of lease receivables	260,240,398	-	-	-	-	-

VII. Important subsequent events

Not applicable.

Annexed Detailed Statements

1. Acquisition, disposal and depreciation of fixed asset, and accumulated impairment loss

(Includes depreciation, which is excluded from ordinary expenses, specified in the OIST Accounting standards, Article 40, Accounting treatment for depreciation of specific asset).

(Unit: Thousand Yen)

Asset	Beginning balance	Increase	Decrease	Closing balance	Accumulated depreciation		Accumulated impairment loss		Closing net book value	Memo	
					Depreciation for FY 2019		Included in ordinary expenses FY2019	Excluded in ordinary expenses FY2019			
Property, plant, and equipment (Depreciation - Included in ordinary expenses)	Buildings	6,793,896	2,392,123	-	9,186,020	2,276,831	457,962	-	-	6,909,188	
	Structures	399,350	40,154	-	439,505	215,472	18,099	-	-	224,032	
	Machinery	190,975	-	-	190,975	179,393	7,413	-	-	11,582	
	Equipment	25,634,424	2,183,924	850,841	26,967,506	21,191,974	2,675,008	-	-	5,775,532	
	Books	7,275	813	-	8,088	-	-	-	-	8,088	
	Ship	2,004	-	2,004	-	-	8	-	-	-	
	Vehicle and transportation equipment	27,426	-	-	27,426	27,204	1,624	-	-	221	
	Lease assets	1,718,452	-	262,118	1,456,333	1,455,528	690	-	-	805	
Total	34,773,806	4,617,015	1,114,964	38,275,857	25,346,404	3,160,808	-	-	12,929,452		
Property, plant, and equipment (Depreciation - Excluded from ordinary expenses)	Buildings	33,942,399	12,589,007	-	46,531,407	13,506,753	1,884,379	-	-	33,024,653	
	Structures	6,843,117	802,218	-	7,645,336	2,223,020	264,096	-	-	5,422,315	
	Machinery	43,080	-	-	43,080	27,180	2,886	-	-	15,900	
	Equipment	144,440	107,100	35,525	216,015	122,791	19,103	-	-	93,224	
	Total	40,973,039	13,498,326	35,525	54,435,840	15,879,746	2,170,465	-	-	38,556,094	
Non-depreciable assets	Land	1,659,667	-	-	1,659,667	-	-	-	-	1,659,667	
	Construction in progress	16,408,890	5,607,648	15,986,432	6,030,106	-	-	-	-	6,030,106	
	Total	18,068,557	5,607,648	15,986,432	7,689,773	-	-	-	-	7,689,773	
Total property, plant, and equipment	Land	1,659,667	-	-	1,659,667	-	-	-	-	1,659,667	
	Buildings	40,736,296	14,981,130	-	55,717,427	15,783,585	2,342,342	-	-	39,933,842	
	Structures	7,242,468	842,373	-	8,084,842	2,438,493	282,196	-	-	5,646,348	
	Machinery	234,056	-	-	234,056	206,573	10,299	-	-	27,483	
	Equipment	25,778,865	2,291,024	886,367	27,183,522	21,314,765	2,694,111	-	-	5,868,757	
	Books	7,275	813	-	8,088	-	-	-	-	8,088	
	Ship	2,004	-	2,004	-	-	8	-	-	-	
	Vehicle and transportation equipment	27,426	-	-	27,426	27,204	1,624	-	-	221	
	Lease assets	1,718,452	-	262,118	1,456,333	1,455,528	690	-	-	805	
	Construction in progress	16,408,890	5,607,648	15,986,432	6,030,106	-	-	-	-	6,030,106	
	Total	93,815,403	23,722,990	17,136,922	100,401,470	41,226,150	5,331,273	-	-	59,175,320	
Intangible assets (Depreciation - Included in ordinary expenses)	Patents	105,770	37,166	696	142,240	44,979	15,171	-	-	97,261	
	Trademark right	1,217	-	-	1,217	967	121	-	-	250	
	Software	1,129,075	12,032	3,078	1,138,029	988,554	199,228	-	-	149,474	
	Other intangible assets	51,785	12,249	-	64,034	36,876	4,079	-	-	27,158	
	Total	1,287,848	61,448	3,775	1,345,521	1,071,377	218,601	-	-	274,143	
Intangible assets (Depreciation - Excluded from ordinary expenses)	Other intangible assets	711	-	-	711	515	54	-	-	195	
Non-depreciable assets	Patent in the process of filing	151,982	53,962	98,723	107,221	-	-	-	-	107,221	
	Patents	105,770	37,166	696	142,240	44,979	15,171	-	-	97,261	
Total intangible assets	Trademark right	1,217	-	-	1,217	967	121	-	-	250	
	Software	1,129,075	12,032	3,078	1,138,029	988,554	199,228	-	-	149,474	
	Patent in the process of filing	151,982	53,962	98,723	107,221	-	-	-	-	107,221	
	Other intangible assets	52,496	12,249	-	64,745	37,392	4,134	-	-	27,353	
	Total	1,440,542	115,410	102,499	1,453,453	1,071,893	218,655	-	-	381,560	
	Investments and other assets	Investments in securities	5	-	-	5	-	-	-	-	5
		Security deposit	1,612	-	-	1,612	-	-	-	-	1,612
Prepaid expense (long-term)		806	7,238	291	7,752	-	-	-	-	7,752	
lease investment assets		4,073,287	1,307,900	167,290	5,213,896	-	-	-	-	5,213,896	
Total		4,075,711	1,315,138	167,582	5,223,267	-	-	-	-	5,223,267	

Notes:

1. Increased buildings : Lab4 related 13,236,511 thousand yen, Energy Center 2 1,121,967 thousand yen, Construction of water intake pipe at the experimental seawaterfront facility 545,391 thousand yen
2. Increased structures : Lab4 related 529,499 thousand yen, Village Related 288,903 thousand yen, Energy Center 2 20,152 thousand yen
3. Increased equipment : SPECS Surface Nano Analysis GmbH Spin filter Unit 130,900 thousand yen, Long-read single molecule real time DNA sequencer 82,137 thousand yen, ZEISS Confocal Laser Scanning Microscope LSM900 73,546 thousand yen
4. Increased construction in progress : Lab5 related 3,233,617 thousand yen, Energy Center 2 897,698 thousand yen, Village Related 634,170 thousand yen

2. Supplies

(Unit: Thousand Yen)

Item	Beginning balance	Increase		Decrease		Closing balance	Memo
		Purchase and Transfer	Others	Consumption and Transfer	Others		
Research supplies	53,605	-	-	5,823	-	47,782	
Other	6,707	1,374	-	1,585	-	6,497	
Total	60,312	1,374	-	7,408	-	54,278	

3. Securities

Investments in securities

(Unit: Thousand Yen)

	Description	Acquisition cost	Amount of denomination	market value	Balance sheet	Profit and loss statement	Valuation difference of securities	Memo
Securities-other	Fair value	-	-	-	-	-	-	
	Non-fair value				5	-	-	Gratis allotment of stock acquisition rights 5,000
Total		-	-	-	5	-	-	

4. Voluntary use of national property

Category	Item	Address	Space (㎡)	Structure	Opportunity costs (Thousand yen)	Memo
Land	Campus	1919-1 Tancha, Onna-son Okinawa	631,410.60	-	155,428	
Land	Seragaki Marine Station	656 Seragakibaru, Seragaki, Onna-son Okinawa	7,511.50	-	1,849	
	Total		638,922.10	-	157,277	

5.PFI

Project	Outline	Type	Contractor	Contract term	Description
Okinawa Institute of Science and Technology Housing Development Project	Housing development(building) and maintenance, administration, management	BTO	OKINAWA SCIENTISTS VILLAGE INC.	From September 30, 2011 to March 31, 2045	First phase:Deliverd between August 2012 and January 2013 Second phase: Deliverd in June 2013 Third-1 phase: Deliverd in August 2014 Third-2 phase: Deliverd in August & October 2015
Okinawa Institute of Science and Technology Housing Development and Operation Project Phase II	Housing development(building) and maintenance, administration, management	BTO	OKINAWA SCIENTISTS VILLAGE II INC.	From June 11, 2019 to March 31, 2060	Hill Side: Deliverd in July 2020 South Hill A: Deliverd in July 2020 South Hill B: Deliverd in September 2020 South Hill C: Deliverd in September 2020

6.Allowance-retirement benefits

(Unit: Thousand yen)

Category	Beginning Balance	Increase	Decrease	Closing Balance	Memo
Total of accumulated benefits obligation	139,665	20,756	4,159	156,263	
Obligation of retirement lump-sum grants	139,665	20,756	4,159	156,263	
Unrecognized prior service cost	-	-	-	-	
Unrecognized net actual loss on assets	-	-	-	-	
Pension asset	-	-	-	-	
Allowance-retirement benefits	139,665	20,756	4,159	156,263	

7. Contribution and additional paid-in contribution

(Unit: Thousand Yen)

Category		Beginning Balance	Increase	Decrease	Closing balance	Memo
Contribution	Contribution from national government	24,317,681	-	-	24,317,681	
	Total	24,317,681	-	-	24,317,681	
Additional paid-in contribution	Additional paid-in contribution					
	Subsidy for Facility	18,235,203	13,498,326	35,525	31,698,004	Note (1)
	Total	18,235,203	13,498,326	35,525	31,698,004	
	Accumulated depreciation directly deducted from equity	13,745,267	2,170,520	35,525	15,880,261	
	Balance	4,489,936	11,327,806	-	15,817,742	

Note(1): Increase in the subsidy for facility was mainly due to Lab4 11,540,743 thousand yen.

8. Changes in reserve fund

(Unit: Thousand yen)

Category	Beginning balance	Increase	Decrease	Closing balance	Memo
Special reserve fund	58,867	-	-	58,867	With regards to allowance-retirement benefits for employees in the previous corporation that were not posted in the balance sheet in accordance with accounting standards for an independent administrative institution, at the beginning of the first fiscal year, we posted the required amount for the reserve as a liability and handled the corresponding reserve amount as a school subsidy in the same fiscal year. In this way, we monetized the required amount for the reserve.
Special reserve fund	21,665	-	-	21,665	With regards to allowance-bonuses in the previous corporation that were not posted in the balance sheet in accordance with accounting standards for an independent administrative institution, at the beginning of the first fiscal year, we posted the required amount for the reserve as a liability and handled the corresponding reserve amount as a school subsidy in the same fiscal year. In this way, we monetized the required amount for the reserve.
Total	80,532	-	-	80,532	

9. Research expenses and general and administrative expenses

(Unit: Thousand Yen)

Account item	Amount	Memo
Research expenses		
Salaries - Base	5,203,900	
Salaries - Allowance	301,283	
Salaries - Commutation	56,308	
Salaries - Over time	30,248	
Salaries - Others	46,492	
Periodic retirement benefits	7,438	
Legal welfare	615,367	
Research supplies	1,418,440	
Supplies	328,062	
Consumables	394,061	
Utilities	836,138	
Travel and transportation - Domestic	18,870	
Travel and transportation - International	15,041	
Travel and transportation - Invite (Domestic)	19,780	
Travel and transportation - Invite (International)	6,347	
Travel and transportation - Others (Domestic)	20,415	
Travel and transportation - Others (International)	6,201	
Communication and transportation expenses	70,221	
Lease fees	67,497	
Rent fee - Land and buildings	336,741	
Rent fee - Others	44,862	
Welfare expenses	15,642	
Event expenses	200	
Payment commissions	11,337	
Membership fees	11,482	
Meeting expenses	365	
Training fees	18,595	
Honorariums	20,591	
Outsource	860,436	
Repair costs	362,364	
Maintenance fees	1,666,830	
Insurance - Property	7,830	
Advertising expenses	8,710	
Depreciation - Buildings	453,717	
Depreciation - Structures	18,099	
Depreciation - Machinery	7,413	
Depreciation - Equipment	2,660,760	
Depreciation - Vehicle and transportation equipment	1,624	
Depreciation - Ships and vessels	8	
Depreciation - Intangible assets	200,108	
Depreciation - Lease assets	690	
Library expenses	233,454	
Taxes and dues	2,145	
Import consumption tax	7,588	
Other expenses	10,843	
Total:	16,424,566	
General and administrative expenses		
Executive salaries	119,427	
Salaries - Exe commutation	48	
Salaries - Base	1,078,728	
Salaries - Allowance	57,204	
Salaries - Commutation	17,515	
Salaries - Over time	18,945	
Salaries - Others	10,592	
Periodic retirement benefits	13,318	
Legal welfare	143,758	
Research supplies	16,242	
Supplies	7,922	
Consumables	44,789	
Utilities	15,584	
Travel and transportation - Domestic	13,068	
Travel and transportation - International	1,646	
Travel and transportation - Invite (Domestic)	3,493	
Travel and transportation - Invite (International)	988	
Travel and transportation - Others (Domestic)	11,666	
Travel and transportation - Others (International)	8,924	
Communication and transportation expenses	47,485	
Lease fees	3,036	
Rent fee - Land and buildings	12,914	
Rent fee - Others	2,092	
Welfare expenses	240	
Event expenses	660	
Payment commissions	11,569	
Membership fees	5,439	
Meeting expenses	1,060	
Training fees	5,605	
Professional fees	34,717	
Honorariums	15,258	
Outsource	259,564	
Repair costs	2,781	
Maintenance fees	6,470	
Insurance - Property	25,826	
Advertising expenses	17,368	
Patent expenses	61,912	
Depreciation - Buildings	4,245	
Depreciation - Equipment	14,248	
Depreciation - Intangible assets	18,492	
Library expenses	4,270	
Taxes and dues	26,980	
Import consumption tax	106	
Other expenses	1,221	
Total:	2,167,435	

10.Subsidy for operation

(Unit: Thousand yen)

Category	Received amount	Transactions				Memo
		Encumbrance for construction in progress	Encumbrance for patents in the process of filing	Encumbrance for assets	Revenue from Subsidy for operation	
The Granting of Subsidies to the Okinawa Institute of Science and Technology	17,141,741	257,485	31,737	2,152,420	14,700,097	
Total	17,141,741	257,485	31,737	2,152,420	14,700,097	

Notes: Revenue of Subsidy for operation on the P/L includes 88,442 thousand yen produced by transferring from Patents and construction (in the process of filing) acquired in the past fiscal year to patent other expenses.

11-1.Subsidy for facility

(Unit: Thousand yen)

Category	Received amount	Transactions				Memo
		Encumbrance for construction in progress	Additional paid-in contribution	Deposits received- subsidy for facility	Others	
OIST Subsidy for Facility as of April 25, 2018 Lab5	114,444	114,444	-	-	-	
OIST Subsidy for Facility as of February 26, 2019 Lab5	3,555,397	2,733,587	821,483	-	325	
OIST Subsidy for Facility as of February 26, 2019 Reinforcement of Seawater Intake Facility in OMSS	216,971	-	216,971	-	-	
OIST Subsidy for Facility as of April 18, 2019 PFI Infrastructure	499,024	498,689	335	-	-	
OIST Subsidy for Facility as of April 1, 2020 Annual Infrastructure improvement	275,059	41,740	230,326	-	2,992	
OIST Subsidy for Facility as of February 17, 2021 Lab5	566,680	566,680	-	-	-	
Total	5,227,577	3,955,142	1,269,116	-	3,318	

11-2 Other subsidies

(Unit: Thousand yen)

Category	Received amount	Transactions				Memo
		Encumbrance for assets	Deposits received - subsidy (long-term)	Revenue from Subsidy	Others	
OIST Startup Accelerator Program	10,169	-	-	10,169	-	
Grants for the Promotion of University Reform, etc. Promotion of the use of university inspection equipment	2,000	1,627	-	372	-	
AMED Grant: Project for Support the Advancement of Life Science (drug development etc)	17,320	1,558	-	15,761	-	
Total	29,489	3,186	-	26,303	-	

12. Personnel costs for executives and employees

(Unit: Thousand yen)

Category	Compensation/Salaries		Retirement benefits	
	Amount	Number of people	Amount	Number of people
Executives	(3,827)	(1)	(-)	(-)
	115,648	3	-	-
Employees	(70,173)	(35)	(-)	(-)
	6,751,045	846	4,492	1
Total	(74,000)	(36)	(-)	(-)
	6,866,693	849	4,492	1

- Notes:
1. Payments of compensation/salaries and retirement benefits for executives (including part-time executives) are made in conformity with the regulations as follows in principle:
Policy Library chapter 34 and chapter 35
 2. Payments of compensation/salaries and retirement benefits for employees are made in conformity with the regulations as follows in principle:
Policy Library chapter 34 and chapter 35
 3. Number of people is stated on a yearly average basis.
 4. Personnel costs on the P/L includes legal welfare costs (759,126 thousand yen) other than the figures in the above table.
 5. Figures for part-time executives and employees are put in parentheses, which is not included in each total amount.
 6. Total amounts doesn't include allowance-retirement benefits and allowance-bonuses.

13. Segment information

(Unit: Thousand Yen)

Category	Research Unit	Research Service	Education	Subtotal	Administration	Total
Ordinary revenue						
Tuition fees	-	-	105,570	105,570	-	105,570
Subsidy for operation	6,319,267	5,365,914	1,140,776	12,825,958	1,962,581	14,788,539
Subsidy for facility	-	-	-	-	12,303	12,303
Sponsored research	139,083	101,854	-	240,937	-	240,937
Donation	10,037	6,500	50	16,588	4,602	21,191
Subsidy for others	-	16,133	10,169	26,303	-	26,303
Reversal of encumbrance for assets - subsidy for operation	1,207,894	2,047,226	6,235	3,261,357	33,116	3,294,473
Reversal of encumbrance for assets - donation	51,488	1,747	-	53,236	79	53,315
Reversal of encumbrance for assets - donated by Japan government	-	-	-	-	-	-
Miscellaneous revenue	22,977	38,337	1,510	62,825	465,001	527,827
Financial revenue	-	104,186	-	104,186	3	104,189
Total	7,750,749	7,681,901	1,264,312	16,696,963	2,477,689	19,174,653
Operating expenses	7,726,709	7,727,385	1,147,363	16,601,459	2,109,410	18,710,869
Net ordinary income	24,039	△45,485	116,948	95,504	368,278	463,783
Total assets	3,013,419	62,421,001	25,467	65,459,889	3,669,281	69,129,170

(Notes to segment information)

(1) Definition of segments and detailed activities

Contents of Activities

Research unit: Molecular science, neuroscience, promotion of research and development for mathematics and computer science, the training of researchers, etc.

Research service: Support for research units, dissemination of research results, etc.

Education: Matters related to graduate student enrollment and education

(2) Amounts that are not allocatable and categorized as "Administration" are mainly related to administrative divisions as following.

Personnel costs	1,456,329 thousand yen
Outsource	259,553 thousand yen
Others	129,863 thousand yen

(3) Total assets categorized as Administration mainly include:

Cash and cash equivalents	2,978,135 thousand yen
Patents (in the process of filing)	107,221 thousand yen

(4) Depreciation (directly deducted from equity) and estimated allowance for retirement benefits by segment are indicated below.

(Unit: Thousand Yen)

	Research Unit	Research Service	Education	Subtotal	Administration	Total
Depreciation (directly deducted from equity)	-	2,170,520	-	2,170,520	-	2,170,520
Estimated allowance for retirement benefits	-	-	-	-	654	654

14. Donation

Category	Received amount (Thousand yen)	Case	Memo
Research Unit	24,372	104	Donation of goods 83 case : 20,341 Thousands yen
Research Service	4,302	9	
Education	531	4	
Administration	20,301	6	
Total	49,507	123	

15. Sponsored research

(Unit: Thousand yen)

Category	Beginning Balance	Received Amount	Sponsored Research Revenue	Closing Balance
Research Unit	14,074	172,191	136,641	49,624
Research Service	-	83,021	83,021	-
Administration	-	-	-	-
Total	14,074	255,213	219,663	49,624

16. Joint research

(Unit: Thousand yen)

Category	Beginning Balance	Received Amount	Joint Research Revenue	Closing Balance
Research Unit	19,708	23,674	21,274	22,107
Total	19,708	23,674	21,274	22,107

17. Primary assets, liabilities, expenses, and revenues

(1) Cash and bank deposits

(Unit: Thousand Yen)

Category	Amount
Cash	242
Bank deposits	2,977,892
Total	2,978,135

(2) Grant-in-aid for scientific research

(Unit: Thousand Yen)

Category	Received Amount	Number	Memo
Scientific research (S)	(10,357) 3,780	(2) 2	
Scientific research (A)	(5,882) 300	(3) 2	
Scientific research (B)	(16,348) 4,926	(14) 13	
Scientific research (C)	(40,150) 12,045	(54) 54	
Challenging Exploratory research	(4,050) 1,215	(5) 5	
Young scientists (A)	(3,800) 1,140	(1) 1	
Young scientists	(43,378) 13,013	(37) 37	
JSPS Fellows	(25,263) 1,782	(29) 4	
Grant-in-Aid for Specially Promoted Research	(12,750) 3,825	(1) 1	
Independent foundation	(1,500) 450	(1) 1	
Fund for the Promotion of Joint International Research (Home-Returning Researcher Development Research)	(9,100) 2,730	(1) 1	
Fund for the Promotion of Joint International Research	(450) 135	(1) 1	
Grant-in-Aid for Research Activity Start-up	(5,500) 1,650	(5) 5	
Grant-in-Aid for Scientific Research on Innovative Areas	(47,726) 15,334	(10) 11	
Grant-in-Aid for Transformative Research Areas	(3,040) 912	(2) 2	
HFSP Grants	(16,476) 1,095	(2) 1	
The Naito Foundation Research Grant for Female Researchers	(4,071) -	(2) -	
Foreman Education Texts for University Staff	(100) -	(1) -	
Sumitomo Foundation Basic Science Research Grants	(3,400) -	(2) -	
Uruma Academic Research Assistant	(150) -	(1) -	
Grant-in-Aid for Scientific Research on Health, Labour and Welfare	(4,306) 1,339	(1) 1	
Takeda Science Foundation Life Science Research Grant	(997) -	(1) -	
Astrobiology Center Project	(1,400) -	(1) -	
Total	(260,199) 65,672	(177) 142	

Notes: 1. Received amount indicates the amount for administrative activities, and the amount for research activities are put in parenthesis, which is not included in each amount.

2. Subsidized research subjects

- Scientific research (S)
- Microfluidic approach to single cell transcriptome analysis and its applications
 - Receptor signal transduction by the transient molecular complexes and its regulation by actin filaments as studied by single-molecule imaging
- Scientific research (A)
- Phenomenology of Altered Consciousness: An Interdisciplinary Approach through Philosophy, Mathematics, Neuroscience, and Robotic
 - Single-electron manipulation using liquid helium surface and its application to quantum information processing
 - Molecular Modeling of Giant Mitotic Apparatus, Spindle, through Systematic Destruction
- Scientific research (B)
- Understanding genomic bases of coral-algae symbioses occurring in nature
 - Understanding the molecular basis of cellular senescence triggered by cell membrane damage and its significance in biological systems systems
 - Directed Evolution of Nucleic Acid Enzymes Combining Experiment and Computation
 - Origins, spread and evolution of novel honey bee parasites and diseases
 - Super random matrix theory and topological invariants
 - Ultrasensitive spin resonance using superconducting quantum technology
 - Development of efficient organic long persistent luminescence system based on charge trapping mechanism
 - Mathematical analysis of vortices specific to visco-elastic fluid
 - Tailor-made brain-machine interface based on brain characteristics
 - Are bleaching-resistant ubiquitous coral communities robust or vulnerable? Is it vulnerable? -Evidence from biology and geology
 - Conformation of the cortical representation of scene
- Scientific research (C)
- Axonal local translation and its implications in the pathogenesis of amyotrophic lateral sclerosis
 - Development of fast-forming 3D cultures of human neurons for modeling Alzheimers disease amyloid and Tau pathology
 - Imaging ultrafast photocarrier trapping in perovskite photovoltaic materials
 - Gauged U(1) extended Standard Model with LHC Results and Cosmology Observations
 - Novel label-free tool for infections diagnosis based on Nano-Electro Optical Tweezers
 - The Effect of Active Zone Protein Dynamics on Synaptic Vesicle Release Probability
 - The Mechanism of Endoplasmic Reticulum Proteostasis and Proteotoxicity in Retinal Degeneration
 - Understanding How The Environment Shapes Mutualism
 - Identification of genes responsible for shell whitening of *Pinctada fucata* and development of genome editing technology
 - Elucidation of the whole structure of type V pilus of a periodontal pathogen by using cryo-EM
 - Development of basic technology for preparation of electron microscopy samples using support films of Supported graphene-based membranes
 - Revealing the symbiotic mechanisms from useful metabolites of dinoflagellates in corals
 - Physiological impact of synaptic vesicle filling with neurotransmitter
 - Cell-free approach to design cellulose nanofibers
 - Electron Holography Studies of Cadmium Telluride (CdTe)
 - Elucidation of triplet microtubule formation mechanism
 - Reconstruction of ancestral neurons based on molecular signatures common to the peptidergic nervous system
 - A neurophenomenological research on the structure of consciousness
 - Elucidation of evolutionary origin of synaptic protein complex by cross-linking proteomics
 - Improvement of Bashofu Production Using Science
 - Quantum network of Rydberg atoms using an optical nanofiber data bus
 - Analysis of positional reorganization mechanism during regeneration of multicellular bodies of cellular slime mold
 - Frequency conversion of terahertz wave using time interface
 - Elucidation of neural mechanism for adapting flexibly to temporally uncertain future rewards
 - Developing a habit-centred paradigm of philosophy and science of mind
 - Transcriptional regulation of transfer factor-derived non-coding RNAs in the plant genome
 - Stimuli-responsive polymers through new dynamic metal complexes
 - Optimal information processing in biophysical networks
 - Unravelling the mechanism of the bacterial flagellar hook polymerization dependent on the hook-capping protein
 - Establishment of a method for developing new species of seaweed to adapt to global warming
 - Resolution of Bashofu Fiber for the Production of Materials for Kimishaku
 - ATP-dependent coupling of pre- and post-synaptic organelles movements at central synapses and its implication in synaptic plasticity and transmission
 - Elucidation of the whole structure of type V pilus of a periodontal pathogen by using cryo-EM
 - The regulatory origin of cephalopod limbs
 - Combination therapies for chondrosarcoma
 - New regulation of gene expression in the cranial nervous system and its disruption in disorders and diseases
 - The brain circuit mechanism for controlling the serotonin to promote the waiting behavior for future rewards : The verification by combination of calcium imaging and optogenetics.
 - Up-Scaling of Organic-Inorganic Hybrid Perovskite Solar Cells and Modules
 - Search for novel cancer stem cell markers for squamous cell carcinoma
 - Spectral structure of turbulent Taylor-Couette flows
 - Modularization of quantum circuits and mathematical and experimental study of quantum control
 - Analysis of molecular mechanisms of post-transcriptional regulation of glucose-responsive insulin secretion in pancreatic beta cells
 - Wagging the tail: Elasticity and flexible filaments in microscopic flows
- Challenging Exploratory research
- Analysis of molecular mechanisms required for differentiation potential of naive T cells
 - Development of angle-resolved tunneling spectroscopy down to the micro Kelvin range
 - Whole body analysis of cell senescence induced by repair of cell membrane damage
 - Creating Innovative Heart Failure Treatments from Birds that Use Different Strategies to Achieve Superior Cardiac Function than Mammals
- Young scientists (A)
- Study on the principle of regulation of iso-division of mammalian cells using state-of-the-art genetics and photogenetics technologies.
- Young scientists
- A biological image generator: cuttlefish camouflage and visual perception
 - Astrocytic NO drives presynaptic cascade for inducing ischemic longterm potentiation at hippocampal CA1 synapses
 - Biomonitoring of Red Soil Pollution by DNA-based methods in Okinawa
 - Bootstrapping Conformal Field Theories Without Positivity Constraints
 - Elucidation of the mechanism of action of junB in the differentiation of CD8T cells
 - Detection of quantum states of single electrons on liquid helium
 - Development of a dual-mode optical/microgravimetric biosensor for the detection of three prostate cancer biomarkers
 - Effects of a web-based Functional Behavioral Assessment (FBA) for challenging behaviors of children with neurodevelopment disabilities
 - Hierarchically Ordered Nanocomposites based on Block Copolymers and Nanodiamonds
 - How attention regulates auditory perception during song learning?
 - Manganese-catalyzed synthesis of fluorinated organic compounds and hydrogenation/dehydrogenation catalysis
 - Multidimensional risk diversification for conserving coastal wetlands under climate change uncertainty
 - Elucidation of catecholamine neural modification in deep mouse somatosensory cortex by PKA imaging
 - Purely Elastic Flow-induced Vibrations of Microcylinders : Viscoelastic Fluid-Structure Interaction in Microfluidics
 - Quantum dissipative dynamics in the Bose polaron problem and beyond
 - Development of bioorthogonal RNA-RNA-binding protein pairs via molecular co-evolution and application for translational control
 - RNA matters: the role of transmissible RNAs for social and individual immunity
 - Regulation of cell behavior by RNA-reactive RNA viral vector

- Self-Organized Multi-Level Working Memories Facilitate Predictive Coding Based Action Panning
- Sustainable and efficient swine wastewater treatment with simultaneous removal of residual nitrates and nutrients recovery.
- Construction of immune response model focusing on T cells: Development into autoimmune diseases
- A Comprehensive Theoretical Survey on Functionalities and Properties of Adult Neurogenesis under the Influence of Slow Oscillations
- Cell membrane damage response using proton influx
- A study utilizing ethological and genomic methods to understand the evolution of intelligence in cephalopods by measuring high cognitive abilities of bobtail squids
- Analysis of disallowed genes in early mouse development
- Induction of germ cell differentiation by a novel removable gene expression control system using riboswitch
- Development of a high versatility olefin metathesis reaction with inexpensive and low toxic manganese catalyst
- Contextual information represented by dynamic activity in the hippocampal engram
- Development of time-resolved x-ray absorption spectroscopy for light and thermal induced spin-crossover complexes
- How does a high water temperature tolerant coral community emerge?
- Elucidation of marine nano-sized particle adhesion mechanism that controls bacterial surface roughness
- To what extent can medical problems for foreign residents be solved through discussions with medical professionals?
- Towards a new type of antibiotic: elucidation of the activation signal and signal transduction mechanism of the type III secretion system of *Shigella flexneri*
- Experimental and theoretical investigation of Bayesian inference across multiple layers in somatosensory cortex
- Elucidating the Unusual Charge Screening Effect on the Polymer Dynamics of Polymerized Ionic Liquids
- Elucidation of the origin of ripple-ordered state and feasibility in real materials-Creation of new magnetic structure materials-
- Elucidation of the folding mechanism of nascent proteins through changes in translation rate and its application
- JSPS Fellows
 - Impact of tRNA-modified landscapes on the evolution of novel protein functions
 - Identification and Functional Analysis of Neurogenic bHLH Transcription Factor in Japanese Ctenophore
 - Tracking the invasion pathway and evolutionary process of honeybee mite using genome
 - Research on emergence properties from coral polyps to colonies
 - Elucidation of the evolution dynamics of termite gut microbial community by shot Gun Metal genomics
 - Symbiosis of termites and their intracellular bacteria
 - Investigating the role of the stress-responsive protein Tob in the brain
 - Local structure determination of amorphous materials through parallel nano beam electron diffraction
 - Spatiotemporal Encoding of Associative Learning in Dendrites of Purkinje Neurons
 - Realization of ultra-high-speed immunosensing by controlling the flow and space in a microchannel device
 - Elucidation of balance function using mouse tail
 - An analysis of the effects of spatial structure and individual dispersal in metacommunities on ecological floating and selection.
 - Ubiquitous marine zooplankton, population genomics of Wakareotamaboya
 - Dynamics in a one-dimensional two-component quantum gas
 - Exploring Novel Mechanisms of Action via Altered Translation Rate in Age-Related Muscle Dysfunction
 - Near-field polarization analysis for an optical nanofiber
 - Matter-Light Interferometry and Quantum Phase Transitions
 - Competence evaluation indexes for career planning of research support personnel extracted from international comparison
 - On the Role of Mechanical Interactions in Cellular Systems
 - Patterns and drivers of temporal variability for native and invasive Okinawa ant communities
 - Analysis of Cell-Stromal Interactions and Tumor Plasticity Using a Three-Dimensional Pancreatic Cancer Model
 - Genomic and epigenomic analysis of mangrove under natural environment
 - Evolutionary process of termite construction revealed by comparative and constructive approaches
 - Non-classical properties of few-particle systems with synthetic spin-orbit coupling
 - Developing theoretical frameworks for ecosystem assessment
 - Structure and function analysis of ancestral neurexins
 - Modification of PLP-dependent aminotransferase for the production of non-natural amino acids
 - Role of serotonin in goal-directed behavior
 - Mechanisms underlying information processing in idling brain
 - A biological image generator: cuttlefish camouflage and visual perception
- Grant-in-Aid for Specially Promoted Research
 - Synthesis and characterization of nanographene and graphene nanosolenoid with helical structure
- Independent foundation
 - Diversification of feeding strategies and coexistence mechanism of fish genus cichlid in two ancient lakes of Africa
- Fund for the Promotion of Joint International Research (Home-Returning Researcher Development Research)
 - Cyclotomic KLR algebras in type C: cellularity and blocks
- Fund for the Promotion of Joint International Research
 - Hamilton-Jacobi equations on metric measure spaces
- Grant-in-Aid for Research Activity Start-up
 - Hydrodynamic couplings inside a biomimetic array of passive cilia-like structures.
 - Modulation of turbulence by droplet coalescence
 - The evolutionary origin of symbiotic mosaics in mealybugs
- Grant-in-Aid for Scientific Research on Innovative Areas
 - Information processing dynamics in zebra finch song learning
 - Creation of novel paradigms to integrate neural network learning with dendrites
 - Regulation of intragenic heterochromatin in plants
 - Formation of international network of fusion research between artificial intelligence and brain science
 - Promotion of fusion research between artificial intelligence and brain science
 - Advanced bioimaging support platform
 - Elucidation of mathematical basis and neural mechanism of multi-layered expression learning
 - Physical Properties of Quantum Liquid Crystals
 - Construction of quantum liquid crystal theory
 - The post-transcriptional regulation of autophagy as a key determinant of physiological homeostasis in pancreatic beta cells.
- Grant-in-Aid for Transformative Research Areas
 - Plant epigenome regulation under fluctuating environment
 - Multi-layered regulatory system of plant resilience under fluctuating environment
- HESP Grants
 - Spatiotemporal neurochemical dynamics of behavioral flexibility in the striatum
 - Molecular dissection of the dynein regulatory network at the mitotic cell cortex
- The Naito Foundation Research Grant for Female Researchers
 - Mobile signals involved in germ cell development
 - Extraction of visual information processing that occurs specifically when viewing natural images freely
- Foreman Education Texts for University Staff
 - Foreman Education Texts for University Staff
- Sumitomo Foundation Basic Science Research Grants
 - Smart quantum plasmonic sensor for immunoassay diagnosis
 - Quantum transducer with spins in diamond
- Uruma Academic Research Assistant
 - Feasibility study on novel hyposensitization therapy for Japanese cedar pollen allergy
- Health Labour Sciences Research Grant
 - Research for ensuring food safety and risk communication obtained using new biotechnology
- Takeda Science Foundation Life Science Research Grant
 - Neural mechanism involved in object recognition during natural viewing
- Astrobiology Center Project
 - A primitive mechanism constructing the first-order structure of protein assisted by multi-phase reactions

18. Related Public Corporations

FRIENDS OF OIST FOUNDATION, INC.

(1) The purpose of the Friends of OIST foundation is to:

- ① Promote science and technology to address global grand challenges through the support of research and educational activities conducted by the OIST and its collaborators and partners in the United States, Japan, and abroad.
- ② Promote the globalization of science and technology research and education originating in Japan by increasing awareness of OIST and its research programs in the United States, and by expanding its global impact.
- ③ Enable self-sustaining economic growth in Okinawa by fostering an environment that supports innovation, entrepreneurship, and the application of scientific and technological knowledge to meet the world's needs.

(2) Relationship between the Board of Directors and OIST

Jerome Friedman, one of OIST BOG members, is concurrently a Board of Directors of the Friends of OIST Foundation.

(3) Members of the Board of Directors:

- ① Jerome Friedman: Director
- ② Sachiko McAlinn: Director

(4) Status of Capital funds

There are no membership fees, contributions and etc., burdened by OIST to contribute to capital fund of the foundation, operating expenses, project costs and etc.

(5) Status of business transactions with OIST

Not applicable.