Ⅶ　生命医科学プログラム

4

4

6

RNA

~4/30: 5/1~:

3

1	R3.4.1				
2	R3.4.1				
3	R3.4.1				
4	R3.4.1				
4	R4.3.31				

3 3 17

4 4 9

7 16 5 10

2 55 35

3

	3
4.1	20
11.1	18 (11)
	90
11.1	28 (17)
1	1
	3
3.31	9(5)
2	100

	3
4.1	6
11.1	8 (7)
	130
11.1	18(15)
1	2
	11

3.31

	3
	9
	0
	0
	2
	1
	0
	1
	4
	1

	3
	3
	0
	0
	1
	0
	0
	0
	2
	0
	0

3

31

(M1), , , , , , ,

rax , 14 , 2021 6 19 ,

,

(M1), , , , , , ,

, 92 , 2021 9 2 , ,

(M1), , (M1), , , ,

, , 2022 3

8 , ,

(M1), (M1), , , ,
: ,
, 2022 3 8 , ,
(M2), , , X ES
, 44 , 2021 12 01 , ,
(M1), , , Identification and characterization of Hiat, a novel Hippo pathway- interacting amino acid transporter, 54 , 2021 6 17 8
, ,
(M1), , , Identification and characterization of Hiat, a novel Hippo pathway- interacting amino acid transporter, 14th Japan Drosophila Research Conference, 2021 9 13
9 16 , ,
(M1), , , Hiat, a novel Hippo pathway-interacting amino acid transporter in the regulation of synapse formation and tissue growth in Drosophila, 44 ,
2021 12 1 3 , ,
(M2), , H2A.Z pot1 ,
2021 , 2021 9 25 , ,
(M1), , , 5
, 54 , 2021 9 1 , ,
,
(M1), , ,
, 2022 , 2022 3 17 , , ,

(M1), , , 69
, 2022 3 24 , ,
(M1), , 3D
, 2021, 2021 12 16 , ,
(M1), , , Development of a whole neural network tracking system for real-time high-resolution light-field imaging in freely behaving C. elegans., 59 ,
2021 11 25 , ,
(M1), , , , , C. elegans
, 5 , 2021 11 6 ,
,
(M1), , ,
, Optics&Photonics Japan , 2021 10 28 , ,
(M1), , ,
, 2021 82 , 2021 9 13 , ,

(M1), , ,
, 12 , 2021 5 22 , ,

(M2), (D1), , , ,
, 72 , 2021 6 19 ,
,

(M2), , , (D1), , , ,
NPGL ,
72 , 2021 9 2 ,
(M2), (D1), , , (M2), , ,
RFamide-related peptide ,
72 , 2021 9 2 ,
(M2), , , (M2), ,
NPGL , 45 , 2021 11 13 ,
,
(M2), (D1), , , ,
RFamide-related peptide mRNA , 45 , 2021
11 13 , ,
(M2), , , (D1), (M2), , ,
, NPGL , 2021
, 2021 12 4 , ,
(M2), (D1), , , , (M2), ,
RFamide-related peptide , 2021
, 2021 12 4 , ,
(M2), (D1), , , , RFamide-related
peptide , 3 , 2022 3
8 , ,
(M1), ,
, 48 , 2021 7 7 9 ,
(M1), , ,
, 2021 , 2021 9 10
11 , Web
(M1), , ,
, 140 , 2021 11 13 ,

(M2), , ,
, 16 , 2022 2 19 ,

(M1), , , , , , ,
, 92 , 2021 9 3 5

24
, (D1), , , , , ,
Bmi1 , 114
, 2021 9 24 , web ,
, (D1), , , , , , NRSN2
RNA ,
114 , 2021 9 24 , web ,
, Boyang AN(D1), , , , , , pancUCP2-

UCP2 , 114
, 2021 9 24 , web ,
Boyang An (D1), Tomonori Kameda, Takuya Imamura, The human-specific pancCD63-CD63 pair can promote basal progenitor proliferation for expansion of the cerebral cortex, 114
, 2021 9 24 , web ,
(D1), , , , , ,
, , 2021 6 17 , ,
(D1), , , cGMP Pristionchus pacificus ,
44 , 2021 12 1 3 , , ,
Kosuke Kamemura (D2), Misako Okumura, Takahiro Chihara, Exploring the extracellular functions of ALS-related protein VAP in Drosophila, 44 , 2021 12 1 3 , ,
,
, (D2), (D1), , , , Forward genetic screening to reveal the molecular mechanism of polyphenism in Pristionchus pacificus,
2021, 2021 8 31 9 1 , ,
(D1), , , Forward and reverse genetic approaches to understand light avoidance behavior in Pristionchus pacificus, 2021, 2021 8 31 9 1
, ,
(D2), , , Astacin metalloprotease is required for predatory feeding in the nematode Pristionchus pacificus, 2021, 2021 8 31 9 1 ,
,
(D2), , , Role of an astacin metalloprotease in evolutionally novel feeding behavior in the nematode Pristionchus pacificus. 3PW-12-7, 44 ,
2021 12 1 3 , ,
(D2), , , , , , , Dynamin-2 regulates microtubule stability by an endocytosis-independent mechanism,
2021 72 , 2021 6 19 20 ,
,
(D2), , , , , , , Dynamin-2 regulates microtubule stability by an endocytosis-independent mechanism, 73
, 2021 6 29 7 2 , ,
Kosuke Kamemura (D2), Extracellular role of ALS-related ER-resident protein VAP in Drosophila,
3
- - , 2022 3 19 ,
Kosuke KAMEMURA (D2), Misako OKUMURA, Takahiro CHIHARA, Investigating the extracellular functions of ALS-related ER protein VAP in Drosophila, 14 th Japan Drosophila Research Conference, 2021 9 13 16 , ,
(D1), , , , (M2), , ,
NPGL ,
72 , 2021 6 20 , ,
(D1), , , , , (M2), , ,
NPGL , 72
, 2021 9 2 ,

(D1), , , , , , , (M2),
, , , 6
, 2021 9 27 , ,
(D1), , , , , , , (M2),
, , NPGL
, 45 , 2021 11 13 ,
(D1), , , (M2), , ,
NPGL , 2021
, 2021 12 4 , ,
(D1), , , , , , , (M2),
, , NPGL
, 25 , 2022 2 11 , ,
(D1), , , , , NPGL
, 42 39
, 2022 3 27 , ,
(D3), , , , , , PM2.5
, 48 , 2021 7 7
9 ,
(D3), , , , , , , ,
, , , 92
, 2021 9 3 5

3

1
Mohamad Zare (M1) and Masaru Ueno, Screening for Genes Required for the Maintenance of Ring Chromosomes, International symposium with young scientists under COVID-19 pandemic, 2022 2 17
, ,

9
Boyang An (D1), Tomonori Kameda, Takuya Imamura, The human-specific pancCD63-CD63 pair can be involved in developing brain individuality by promoting basal progenitor proliferation, The 80th Fujiwara Seminar “Molecular and cellular mechanisms of brain systems generating individuality”, 2021 8 30 ,
,
Arisa Makimura, Boyang An(D1), Akari Ando, Mayuri Tokunaga, Fumihiro Morishita,Tomonori Kameda, Takuya Imamura, Species difference in structure and function of a gene for epigenome modification, BMI1/Bmi1, in human/mouse neural stem cells, The 80th Fujiwara Seminar “Molecular and cellular mechanisms of brain systems generating individuality”, 2021 8 30 , ,
Akari Ando, Boyang An(D1), Mayuri Tokunaga, Arisa Makimura, Fumihiro Morishita, Tomonori Kameda, Takuya Imamura, Potentials of UCP2/Ucp2 for developing brain individuality through metabolic

reprogramming of neural stem cells, The 80th Fujiwara Seminar “Molecular and cellular mechanisms of brain systems generating individuality”, 2021 8 30 , ,
Mayuri Tokunaga, Boyang An(D1), Akari Ando, Arisa Makimura, Fumihiro Morishita, Tomonori Kameda, Takuya Imamura, Discovery of a species-specific long non-coding RNA for differentiating expression of human NRSN2 and mouse Nrsn2 in neural stem cells, The 80th Fujiwara Seminar “Molecular and cellular mechanisms of brain systems generating individuality”, 2021 8 30 , ,
(D1), , , cGMP phototransduction pathway is involved in light avoidance behavior in the nematode Pristionchus pacificus, 23rd international C. elegans conference, 2021 6 21 24 , ,
Runzhao Guo(D3), Ryuji Fujito, Fumi Terada, Mikiko Nakagushi, Misako Okumura, Takahiro Chihara, Kozue Hamao, Dynamin-2 Regulates Microtubule Stability via an Endocytosis-independent Mechanism, P1086, Cell Bio Virtual 2021, 2021 12 1 10 , ,
(D2), , , Predatory feeding behavior is modulated via three serotonin receptors and other genetic factors in the nematode Pristionchus pacificus, 23rd international C. elegans conference, 2021 6 21 24 , ,
Parvaneh Emami(D3) and Masaru Ueno, Effects of the compound in Broccoli on fission yeast cell viability, MIRAI 2.0 Research and Innovation Week 2021 2021 6 8 , ,
Kyakuno M(D3), Sakuma T, Suzuki K, Yamamoto T, Tazawa I, Furuno N, Noce T, Tsunekawa N, Takeuchi T, Hayashi T, Maternal expression of dazl contributes to the eary stage of PGC differentiation in the urodele amphibian, 54th Annual Meeting of JSDB 2021 6 17 18

	DNA
	H2A.Z *h l*
	NPGL

3

3

4 3 23

(Molecular mechanisms underlying the convergent evolution of vertebrate ohnologs)

4 3 23

Investigation of the mechanism of gametogenesis in the emerging model newt, *d* *d* *dd*

4 3 23

(A role of microglia in the formation and progression of vasogenic edema after ischemic stroke)

11.1	28
TA	12
	42

11.1	18
TA	8
	44

	D1	72	NPGL	2021	3 6 20	
	M2	72	NPGL	2021	3 6 20	
	D3	48	PM2.5	48	3 7 9	
Boyang An	D1	Outstanding Poster Award, The 80th Fujihara Seminar	The human-specific pancCD63-CD63 pair can be involved in developing brain individuality by promoting basal progenitor proliferation		3 8 31	

	M1	2021		2021	3 9 11	
	D1	45	NPGL	45	3 11 13	
	M2	45	NPGL	45	3 11 13	
	M1	140		140	3 11 13	
	M1	2021	3D		3 12 17	
An Boyang	D2				3 12 22	
	M2				3 12 22	

	M1				3 12 22	

M1

	D1			
	D3			

	D1			
	D1		*a la f h aa*	
	D3			
	D3			

GUO RUNZHAO
AN BOYANG

3

HOU, CHEN	2	4
OU, YUSHI	2	10
HWANG, WOOSANG	3	4
WEI SONGLI	3	4
MOHAMMAD ZARE	3	10

EMAMI, PARVANEH	31	4
GUO, RUNZHAO		10
AN, BOYANG	2	10
HOSSAIN, NUSRAT	2	10
SURABHI RAMAN	3	4
BAGUS PRIAMBODO	3	10