

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Fujita Y, Ito M, Kojima T, Yatsuga S, <u>Koga Y</u> , <u>Tanaka M</u>	GDF15 is a novel biomarker to evaluate efficacy of pyruvate therapy for mitochondrial diseases	Mitochondrion	20	34-42	2015
<u>Fujii T</u> , Nozaki F, Saito K, Hayashi A, Nishigaki Y, <u>Murayama K</u> , <u>Tanaka M</u> , <u>Koga Y</u> , Hiejima I, Kumada T.	Efficacy of pyruvate therapy in patients with mitochondrial disease: a semi-quantitative clinical evaluation study.	Mol Genet Metab.	112(2)	133-8	2014
Wei FY, Zhou B, Suzuki T, Miyata K, Ujihara Y, Horiguchi H, Takahashi N, Xie P, Michiue H, Fujimura A, Kaitsuka T, Matsui H, <u>Koga Y</u> , Mohri S, Suzuki T, Oikawa Y, Tomizawa K.	Cdk5rap1-Mediated 2-Methylthio Modification of Mitochondrial tRNAs Governs Protein Translation and Contributes to Myopathy in Mice and Humans	Cell Metab	21(3)	428-42	2015
Montassir H, Maegaki Y, <u>Murayama K</u> , Yamazaki T, Kohda M, <u>Ohtake A</u> , Iwasa H, Yatsuka Y, Okazaki Y, Sugiura C, Nagata I, Toyoshima M, Saito Y, Itoh M, Nishino I, Ohno K.	Myocerebrohepatopathy spectrum disorder due to <i>POLG</i> mutations: A clinicopathological report.	Brain Dev.		Epub ahead of print	2015
Brea-Calvo G, Haack TB, Karall D, <u>Ohtake A</u> , Invernizzi F, Carrozzo R, Kremer L, Dusi S, Fauth C, Scholl-Bürgi S, Graf E, Ahting U, Resta N, Laforgia N, Verrigni D, Okazaki Y, Kohda M, Martinelli D, Freisinger P, Strom TM, Meitinger T, Lamperti C, Lacson A, Navas P, Mayr JA, Bertini E, <u>Murayama K</u> , Zeviani M, Prokisch H, Ghezzi D.	COQ4 Mutations Cause a Broad Spectrum of Mitochondrial Disorders Associated with CoQ10 Deficiency.	Am J Hum Genet.	96(2)	309-17	2014

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Uehara N, Mori M, Tokuzawa Y, Mizuno Y, Tamaru S, Kohda M, Moriyama Y, Nakachi Y, Matoba N, Sakai T, Yamazaki T, Harashima H, <u>Murayama K</u> , Hattori K, Hayashi J, Yamagata T, Fujita Y, Ito M, <u>Tanaka M</u> , Nibu K, <u>Ohtake A</u> , Okazaki Y	New <i>MT-ND6</i> and <i>NDUFA1</i> mutations in mitochondrial respiratory chain disorders.	Ann Clin Transl Neurol.	1(5)	361-9	2014
<u>Ohtake A</u> , <u>Murayama K</u> , Mori M, Harashima H, Yamazaki T, Tamaru S, Yamashita I, Kishita Y, Kohda, Tokuzawa Y, Mizuno Y, Moriyama Y, Kato H, Okazaki Y:	Diagnosis and molecular basis of mitochondrial respiratory chain disorders: exome sequencing for disease gene identification.	Biochim Biophys Acta.)	1840(4)	1355-9	2014
Negishi Y, Hattori A, Takeshita E, Sakai C, Ando N, Ito T, Goto T, <u>Saitoh S</u>	Homoplasmy of a mitochondrial 3697G>A mutation causes Leigh syndrome.	J Hum Genet	59	405-407	2014
Kondo H, Tanda K, Tabata C, Hayashi K, Kihara M, Kizaki Z, Taniguchi-Ikeda M, Mori M, <u>Murayama K</u> , <u>Ohtake A</u>	Leigh syndrome with Fukuyama congenital muscular dystrophy: A case report.	Brain Dev	36(8)	730-3	2014

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Haack T, Jackson C, <u>Murayama K</u> , Kremer L, Schaller A, Kotzaeridou U, de Vries M, Schottmann G, Santra S, Büchner B, Wieland T, Graf E, Freisinger P, Eggmann S, <u>Ohtake A</u> , Okazaki Y, Kohda M, Kishita Y, Tokuzawa Y, Sauer S, Memari Y, Kolb-Kokocinski A, Durbin R, Haselmann O, Cremer K, Albrecht B, Wiczorek D, Engels H, Hahn D, Zink A, Alston C, Taylor R, Rodenburg R, Trollmann R, Sperl W, Strom T, Hoffmann G, Mayr J, Meitinger T, Bolognini R, Schuelke M, Nuoffer J-M, Kölker S, Prokisch H, Klopstock T	Deficiency of ECHS1 causes mitochondrial encephalopathy with cardiac involvement	Ann Clin Transl Neurol		in press DOI: 10.1002/acn3.189	2015
Toshiyuki Imasawa, <u>Masashi Tanaka</u> , Yutaka Yamaguchi, Takashi Nakazato, Hiroshi Kitamura, Motonobu Nishimura	Pathological similarities between low birth weight-related nephropathy and nephropathy associated with mitochondrial cytopathy.	Diagnostic Pathology	9(1)	9	2014
Toshiyuki Imasawa, <u>Masashi Tanaka</u> , Yutaka Yamaguchi, Takashi Nakazato, Hiroshi Kitamura, Motonobu Nishimura	7501 T>A mitochondrial DNA variant in a patient with glomerulosclerosis	Renal Failure	36(9)	1461-1465	2015

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Shioya A, Takuma H, <u>Yamaguchi S</u> , Ishii A, Hiroki M, Fukuda T, Sugie H, Shigematsu Y, <u>Tamaoka A</u>	Amelioration of acylcarnitine profile using bezafibrate and riboflavin in a case of adult-onset glutaric acidemia type 2 with novel mutations of the electron transfer flavoprotein dehydrogenase (ETFHDH) gene	Journal of The Neurological Sciences	346(1-2)	350-352	2014
Sakai C, <u>Yamaguchi S</u> , Sasaki M, Miyamoto Y, Matsushima Y, Goto Y	ECHS1 mutations cause combined respiratory chain deficiency resulting in Leigh syndrome	Human Mutation	36(2)	232-239	2015
Haruka Yamanashi, Osamu Hashizume, Hiromichi Yonekawa, <u>Kazuto Nakada</u> , and Jun-ichi Hayashi.	Administration of an Antioxidant Prevents Lymphoma Development in Transmitochondrial Mice Overproducing Reactive Oxygen Species.	Exp. Anim.	63	459-466	2014
Takehiro Takahashi, Masashi Yamamoto, Kazutoshi Amikura, Kozue Katano, Takashi Serizawa, Kanako Serizawa, Daisuke Akazawa, Takumi Aoki, Koji Kawai, Emi Ogawara, Jun-Ichi Hayashi, <u>Kazuto Nakada</u> , and Mie Kainoh.	A Novel MitoNEET Ligand, TTO1001, Improves Diabetes and Ameliorates Mitochondrial Function in db/db Mice.	J. Pharmacol. Exp. Ther.	352	338-345	2015
Takayuki Mito, Hikari Ishizaki, Michiko Suzuki, Hitomi Morishima, Azusa Ota, Kaori Ishikawa, <u>Kazuto Nakada</u> , Akiteru Maeno, Toshihiko Shiraoishi, and Jun-ichi Hayashi.	Transmitochondrial mito-mice Δ and mtDNA mutator mice, but not aged mice, share the same spectrum of musculoskeletal disorders.	BBRC	456	933-937	2015
Akinori Shimizu, Takayuki Mito, Osamu Hashizume, Hiromichi Yonekawa, Kaori Ishikawa, <u>Kazuto Nakada</u> , and Jun-ichi Hayashi.	G7731A mutation in mouse mitochondrial tRNA(Lys) regulates late-onset disorders in transmitochondrial mice.	BBRC	459	66-70	2015
Osamu Hashizume, Haruka Yamanashi, Makoto M. Taketo, <u>Kazuto Nakada</u> , and Jun-ichi Hayashi.	A Specific Nuclear DNA Background Is Required for High Frequency Lymphoma Development in Transmitochondrial Mice with G13997A mtDNA.	PLoS ONE	10	e0118561	2015