

研究成果の刊行に関する一覧表

祖父江 元 (名古屋大学大学院医学系研究科)

勝野 雅央 (名古屋大学大学院医学系研究科)

渡辺 宏久 (名古屋大学)

熱田 直樹 (名古屋大学医学部附属病院)

平川 晃弘 (名古屋大学医学部附属病院)

中橋 昌弘 (名古屋大学医学部附属病院)

池川 志郎(理化学研究所ゲノム医科学研究センター)

飯田 有俊(理化学研究所ゲノム医科学研究センター)

中野 今治(自治医科大学医学部)

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
Yamada M, Tanaka M, Takagi M, Kobayashi S, Taguchi Y, Takashima S, Tanaka K, Touge T, Hatsuta H, Murayama S, Hayashi Y, Kaneko M, Ishiura H, Mitsui J, Atsuta N, Sobue G, Shimozawa N, Inuzuka T, Tsuji S, Hozumi I.	Evaluation of SLC20A2 mutations that cause idiopathic basal ganglia calcification in Japan.	Neurology	82	705-12	2014
Riku Y, Watanabe H, Yoshida M, Tatsumi S, Mimuro M, Iwasaki Y, Katsuno M, Iguchi Y, Masuda M, Senda J, Ishigaki S, Udagawa T, Sobue G.	Lower Motor Neuron Involvement in TAR DNA-Binding Protein of 43 kDa-Related Frontotemporal Lobar Degeneration and Amyotrophic Lateral Sclerosis.	JAMA Neurol.	71	172-9	2014

<p>Takahashi Y, Fukuda Y, Yoshimura J, Toyoda A, Kurppa K, Moritoyo H, Belzil VV, Dion PA, Higasa K, Doi K, Ishiura H, Mitsui J, Date H, Ahsan B, Matsukawa T, Ichikawa Y, Moritoyo T, Ikoma M, Hashimoto T, Kimura F, Murayama S, Onodera O, Nishizawa M, Yoshida M, Atsuta N, Sobue G; JaCALS, Fifita JA, Williams KL, Blair IP, Nicholson GA, Gonzalez-Perez P, Brown RH Jr, Nomoto M, Elenius K, Rouleau GA, Fujiyama A, Morishita S, Goto J, Tsuji S.</p>	<p>ERBB4 mutations that disrupt the neuregulin-ErbB4 pathway cause amyotrophic lateral sclerosis type 19</p>	<p>Am J Hum Genet.</p>	<p>93</p>	<p>900-5</p>	<p>2013</p>
<p>Iguchi Y, Katsuno M, Ikenaka K, Ishigaki S, Sobue G.</p>	<p>Amyotrophic lateral sclerosis: an update on recent genetic insights.</p>	<p>J Neurol.</p>	<p>260</p>	<p>2917-27</p>	<p>2013</p>
<p>Takagi S, Iguchi Y, Katsuno M, Ishigaki S, Ikenaka K, Fujioka Y, Honda D, Niwa J, Tanaka F, Watanabe H, Adachi H, Sobue G.</p>	<p>RNP2 of RNA recognition motif 1 plays a central role in the aberrant modification of TDP-43.</p>	<p>PLoS One.</p>	<p>8</p>	<p>e66966</p>	<p>2013</p>

Honda D, Ishigaki S, Iguchi Y, Fujioka Y, Udagawa T, Masuda A, Ohno K, Katsuno M, Sobue G.	The ALS/FTLD-related RNA-binding proteins TDP-43 and FUS have common downstream RNA targets in cortical neurons.	FEBS Open Bio.	4	1-10	2013
Fujioka Y, Ishigaki S, Masuda A, Iguchi Y, Udagawa T, Watanabe H, Katsuno M, Ohno K, Sobue G.	FUS-regulated region- and cell-type-specific transcriptome is associated with cell selectivity in ALS/FTLD.	Sci Rep.	3	2388	2013
Multiple-System Atrophy Research Collaboration.	Mutations in COQ2 in familial and sporadic multiple-system atrophy.	N Engl J Med.	369	233-44	2013
Doi H, Adachi H, Katsuno M, Minamiyama M, Matsumoto S, Kondo N, Miyazaki Y, Iida M, Tohnai G, Qiang Q, Tanaka F, Yanagawa T, Warabi E, Ishii T, Sobue G.	p62/SQSTM1 differentially removes the toxic mutant androgen receptor via autophagy and inclusion formation in a spinal and bulbar muscular atrophy mouse model	J Neurosci.	33	7710-27	2013
Ikenaka K, Kawai K, Katsuno M, Huang Z, Jiang YM, Iguchi Y, Kobayashi K, Kimata T, Waza M, Tanaka F, Mori I, Sobue G.	dnc-1/dynactin 1 knockdown disrupts transport of autophagosomes and induces motor neuron degeneration.	PLoS One.	8	e54511	2013

<p>Kondo N, Katsuno M, Adachi H, Minamiyama M, Doi H, Matsumoto S, Miyazaki Y, Iida M, Tohnai G, Nakatsuji H, Ishigaki S, Fujioka Y, Watanabe H, Tanaka F, Nakai A, Sobue G.</p>	<p>Heat shock factor-1 influences pathological lesion distribution of polyglutamine-induced neurodegeneration.</p>	<p>Nat Commun.</p>	<p>4</p>	<p>1405</p>	<p>2013</p>
<p>Tsuiji H, Iguchi Y, Furuya A, Kataoka A, Hatsuta H, Atsuta N, Tanaka F, Hashizume Y, Akatsu H, Murayama S, Sobue G, Yamanaka K.</p>	<p>Spliceosome integrity is defective in the motor neuron diseases ALS and SMA.</p>	<p>EMBO Mol Med.</p>	<p>5</p>	<p>221-34</p>	<p>2013</p>
<p>Nakamura R, Atsuta N, Watanabe H, Hirakawa A, Watanabe H, Ito M, Senda J, Katsuno M, Tanaka F, Izumi Y, Morita M, Ogaki K, Taniguchi A, Aiba I, Mizoguchi K, Okamoto K, Hasegawa K, Aoki M, Kawata A, Abe K, Oda M, Konagaya M, Imai T, Nakagawa M, Tsuji S, Kaji R, Nakano I, Sobue G.</p>	<p>Neck weakness is a potent prognostic factor in sporadic amyotrophic lateral sclerosis patients.</p>	<p>J Neurol Neurosurg Psychiatry.</p>	<p>84</p>	<p>1365-71</p>	<p>2013</p>

Rabkin J, Ogino M, Goetz R, McElhiney M, Marziliano A, Imai T, Atsuta N, Morita M, Tateishi T, Matsumura T, Mitsumoto H.	Tracheostomy with invasive ventilation for ALS patients: neurologists' roles in the US and Japan.	Amyotroph Lateral Scler Frontotemporal Degener.	14	116-23	2013
Iguchi Y, Katsuno M, Niwa J, Takagi S, Ishigaki S, Ikenaka K, Kawai K, Watanabe H, Yamanaka K, Takahashi R, Misawa H, Sasaki S, Tanaka F, Sobue G.	Loss of TDP-43 causes age-dependent progressive motor neuron degeneration.	Brain	136	1371-82	2013