

## II . 研究成果の刊行に関する一覧表

学会発表

発表者氏名	演題名	学会名	発行年
<u>R.G. Malueka</u> , M.yagi , H.Awano , T.Lee, E.K. Dwianingsih , A.Nishida, Y.Takeshima , M.Matsuo	Antisense oligonucleotide induced <i>dystrophin</i> exon 45 skipping at a low EC50 in a cell-free splicing system	17th International Congress of the World Muscle Society	2012
<u>R.G. Malueka</u> , Y.Takaoka , M.yagi , H.Awano, T.Lee, E.K. Dwianingsih, A.Nishida, Y.Takeshima, M.Matsuo	Categorization of 77 <i>dystrophin</i> exons into five groups by a decision tree using indexes of splicing regulatory factors	17th International Congress of the World Muscle Society	2012
<u>Matsuo M</u>	Identification of mutations in a mammoth size gene	14th Asia Pacific Congress of Pediatrics and 4th Asia Pacific Congress of Paediatric Nursing	2012
<u>Matsuo M</u>	Modulation of splicing to restore a gene function	14th Asia Pacific Congress of Pediatrics and 4th Asia Pacific Congress of Paediatric Nursing	2012
<u>Nishida A,</u> <u>Kataoka N,</u> <u>Takeshima Y,</u> <u>Yagi M,</u> <u>Awano H,</u> <u>Ota M,</u> <u>Itoh K,</u> <u>Hagiwara M,</u> <u>Matsuo M.</u>	Chemical treatment enhances skipping of a mutated exon in the <i>dystrophin</i> gene.	4th International Congress of Myology	2011
<u>Matsuo M</u>	Duchenne muscular dystrophy: from gene diagnosis to molecular therapy	The 61st Autumn Annual Meeting of the <b>Korean pediatric Society</b>	2011

Yagi M, Lee T, Awano H, Takeshima Y, <u>Matsuo M.</u>	Antisense RNA/Ethylene bridged nucleic acid chimera induces exon 45 skipping in cultured myocytes from DMD patients with 6 different deletion mutations.	<i>The American Society of Human Genetics 61th Annual Meeting</i>	2011
Takeshima, Y., Yagi, M., Awano, H., Yamauchi, Y., Malueka, R.G., Dwianingsih, E.K., Nishio, H., <u>Matsuo, M.</u>	Mutation spectrum of the dystrophin gene in 456 Duchenne/Becker muscular dystrophy cases from one Japanese referral center	<i>15th International Congress of the World Muscle Society</i>	2010
Yagi, M., Ota, M., Awano, H., Takeshima, Y., <u>Matsuo, M.</u>	Antisense RNA/ethylene-bridged nucleic acids chimera induces exon 45 skipping and restores dystrophin expression in myocytes of Duchenne muscular dystrophy	<i>15th International Congress of the World Muscle Society</i>	2010
Yagi, M., Takeshima, Y., Awano, H., Ota, M., Malueka, R.G., Dwianingsih, E. K., A., e, T., <u>Matsuo, M.</u>	Antisense RNA/ENA chimera against dystrophin exon 45 leads exon 45 skipping followed by dystrophin expression in cells from Duchenne muscular dystrophy	<i>6th Annual Meeting of the Oligonucleotide Therapeutics Society</i>	2010
Nishida, A., Kataoka, N., Takeshima, Y., Yagi, M., Awano, O, H., ta, M., Itoh, K., Hagiwara, Y., <u>Matsuo, M.</u>	Chemical treatment of muscular dystrophy that enhances skipping of the mutated exon in the dystrophin gene	<i>The American Society of Human Genetics 60th Annual Meeting</i>	2010

書籍

著者氏名	論文タイトル名	書籍全体の編集者名	書籍名	出版社名	出版地	出版年	ページ
Takehima, Y., Yagi, M., Matsuo, M.	Optimizing RNA/ENA chimeric antisense oligonucleotides using in vitro splicing.	Aartsma-Rus A.	Exon skipping: Methods and protocols. Methods Mol Biol.	Human Press.	New Jersey	2012	131-141.
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Mtasuo, M., Takehima, Y., Yagi, M.	Treatment of Duchenne muscular dystrophy by induction of exon skipping with antisense oligonucleotides	Takeda S.	Fifty years of neuromuscular disorder research after discovery of creatine kinase as a diagnostic marker of muscular dystrophy.	IGAKU-SHOIN Ltd.	Tokyo	2011	103-109.

雑誌

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Rani Sasongko Sarina David Salmi Zilfalil <u>Matsuo,M</u> Zabidi-Hussin	Mutation Spectrum of Dystrophin Gene in Malaysian Patients with Duchenne/Becker Muscular Dystrophy	Journal of Neurogenetics			2013
Thu Tran,TH., Zhang,Z., Yagi,M., Lee,T., Awano,H., Nishida,A., Okinaga,T., Takeshima,Y., <u>Matsuo,M.</u>	Molecular characterization of an X(p21.2;q28) chromosomal inversion in a Duchenne muscular dystrophy patient with mental retardation reveals a novel long non-coding gene on Xq28.	J Hum Genet	58	33-39	2012
Solyom S, Ewing AD,Hancks DC, Takeshima Y, Awano H, <u>Matsuo M,</u> Kazazian HH Jr.	Pathogenic orphan transduction created by a non-reference LINE-1 retrotransposon.	Hum. Mutat.	33	369-371	2012
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Rani, A.Q., Malueka, R.G., Sasongko, T.H., Awano, H., Lee, T., Yagi, M., Zilfalil, B.A., Salmi, A.B., Takeshima, Y. Zabidi-Hussin, Z.A., Matsuo, M.	Two closely spaced nonsense mutations in the DMD gene in a Malaysian family.	Mol Genet Metab	103	303-304.	2011
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