

いわて東北メディカル・メガバンク機構

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
清水 厚志	いわて東北メディカル・メガバンク機構	特命教授	博士（理学）	人類遺伝学 基礎ゲノム科学 分子生物学	<p>Miyawaki S, Kawamura Y, Hachiya T, <u>Shimizu A</u>, Miura K. Molecular cloning and characterization of the INK4a and ARF genes in naked mole-rat. Inflammation and Regeneration. (2015) in press.</p> <p>Nori S, Okada Y, Nishimura S, Sasaki T, Itakura G, Kobayashi Y, Renault-Mihara F, <u>Shimizu A</u>, Koya I, Yoshida R, Kudoh J, Koike M, Uchiyama Y, Ikeda E, Toyama Y, Nakamura M, Okano H. Long-term safety issues of iPSC-based cell therapy in a spinal cord injury model: Oncogenic transformation with epithelial-mesenchymal transition. Stem Cell Reports. 2015; 4:360-373.</p> <p>Ohmomo H, Hachiya T, Shiwa Y, Furukawa R, Ono K, Ito S, Ishida Y, Satoh M, Hitomi J, Sobue K, <u>Shimizu A</u>. Reduction of systematic bias in transcriptome data from human peripheral blood mononuclear cells for transportation and biobanking. PLoS ONE. 2014; 9:e104283</p> <p>清水厚志, 八谷剛史, 田原康玄. ヒトゲノム・オミックス情報のコホート研究への応用。実験医学別冊「次世代シーケンス解析スタンダード」2014; 95-104.</p> <p>清水厚志. 次世代シーケンサー入門。遺伝子医学MOOK 別冊「いまさら聞けない『遺伝医学』」2014; 137-146</p>
八谷 剛史	いわて東北メディカル・メガバンク機構	特命准教授	博士（理学）	生体生命情報学 統計科学 応用ゲノム科学	<p>Miyawaki S, Kawamura Y, <u>Hachiya T</u>, Shimizu A, Miura K. Molecular cloning and characterization of the INK4a and ARF genes in naked mole-rat. Inflammation and Regeneration. (2015) in press.</p> <p>Ohmomo H, <u>Hachiya T</u>, Shiwa Y, Furukawa R, Ono K, Ito S, Ishida Y, Satoh M, Hitomi J, Sobue K, Shimizu A. Reduction of systematic bias in transcriptome data from human peripheral blood mononuclear cells for transportation and biobanking / PLoS ONE 9:e104283 (2014)</p> <p>Tabata H*, <u>Hachiya T</u>*, Nagata K, Sakakibara Y, Nakajima K. Screening for candidate genes involved in the production of mouse subventricular zone proliferative cells and an estimation of their changes in evolutionary pressure during primate evolution. / Front Neuroanat. 31:7:24 (2013) *Equally contributed</p> <p>Namiki T*, <u>Hachiya T</u>*, Tanaka H, Sakakibara Y. MetaVelvet: an extension of Velvet assembler to de novo metagenome assembly from short sequence reads. / Nucleic Acids Res. 40(20):e155 (2012) *Equally contributed</p> <p><u>Hachiya T</u>, Osana Y, Pependorf K, Sakakibara Y. Accurate identification of orthologous segments among multiple genomes. / Bioinformatics. 25(7):853-860 (2009)</p>

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志波 優	いわて東北メディカル・メガバンク機構	特命講師	博士 (バイオサイエンス)	ゲノム生物学 分子生物学 応用微生物学	<p>Shiwa Y, Yoshikawa H, Tanaka T, Ogura M. Bacillus subtilis degSU operon is regulated by the ClpXP-Spx regulated proteolysis system. / J Biochem. 157:321-30 (2015)</p> <p>Ohmomo H, Hachiya T, Shiwa Y, Furukawa R, Ono K, Ito S, Ishida Y, Satoh M, Hitomi J, Sobue K, Shimizu A. Reduction of systematic bias in transcriptome data from human peripheral blood mononuclear cells for transportation and biobanking / PLoS ONE 9:e104283(2014)</p> <p>Shiwa Y, Yanase H, Hirose Y, Satomi S, Araya-Kojima T, Watanabe S, Zendo T, Chibazakura T, Shimizu-Kadota M, Yoshikawa H, Sonomoto K. Complete Genome Sequence of Enterococcus mundtii QU 25, an Efficient L-(+)-Lactic Acid-Producing Bacterium / DNA Res. Aug;21(4):369-77 (2014)</p> <p>Shiwa Y, Matsumoto T, Yoshikawa H. Identification of laboratory-specific variations of Bacillus subtilis strains used in Japan. / Biosci Biotechnol Biochem. 77:2073-6 (2013)</p> <p>Shiwa Y, Fukushima-Tanaka S, Kasahara K, Horiuchi T, Yoshikawa H. Whole-Genome Profiling of a Novel Mutagenesis Technique Using Proofreading-Deficient DNA Polymerase delta. / Int J Evol Biol. 2012;2012:860797 (2012)</p>
大桃 秀樹	いわて東北メディカル・メガバンク機構	特命助教	博士 (神経科学)	神経科学一般 解剖学一般(含 組織学・発生学) 神経解剖学	<p>Sugimoto K, Ohmomo H, Shutoh F, Nogami H, Hisano S. Presentation of noise during acute restraint stress attenuates expression of immediate early genes and arginine vasopressin in the hypothalamic paraventricular nucleus but not corticosterone secretion in rats / Neurosci. Res. 96:20-29(2015)</p> <p>Ohmomo H, Hachiya T, Shiwa Y, Furukawa R, Ono K, Ito S, Ishida Y, Satoh M, Hitomi J, Sobue K, Shimizu A. Reduction of systematic bias in transcriptome data from human peripheral blood mononuclear cells for transportation and biobanking / PLoS ONE 9:e104283(2014)</p> <p>Masuda T, Sakuma C, Ueno T, Yamada Y, Ohmomo H, Ueda S, Yamagishi T, Yaginuma H. Spatiotemporal Patterns of the Huntingtin-Interacting Protein 1-Related (Hip1r) Gene in the Mouse Head / Congenit. Anom. 53:141-148(2013)</p> <p>Ueda S, Ehara A, Ohmomo H. Property of Regenerating Serotonin Fibers in the Hippocampus of Human Migration Disorders Model / Kansei Engineering International Journal 11:139-45(2012)</p> <p>Ohmomo H, Ehara A, Yoshida S, Shutoh F, Ueda S, Hisano S. Temporally distinct expression of vesicular glutamate transporters 1 and 2 during embryonic development of the rat olfactory system / Neurosci. Res. 70:376-82(2011)</p>

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古川 亮平	いわて東北メディカル・メガバンク機構	特命助教	博士（理学）	細胞生物学 発生生物学 免疫学	<p>Ohmomo H, Hachiya T, Shiwa Y, <u>Furukawa R</u>, Ono K, Ito S, Ishida Y, Satoh M, Hitomi J, Sobue K, Shimizu A. Reduction of systematic bias in transcriptome data from human peripheral blood mononuclear cells for transportation and biobanking / PLoS ONE 9:e104283 (2014)</p> <p>Kawase O, <u>Furukawa R</u>. Regional difference of ray number variation in a starfish, <i>Patiria pectinifera</i>. / Annal Report of Premedical Sciences, Dokkyo Medical University. 3: 49-52 (2014)</p> <p><u>Furukawa R</u>, Funabashi H, Matsumoto M, Kaneko H. Starfish <i>ApDOCK</i> protein essentially functions in larval defense system operated by mesenchyme cells. / Immunol Cell Biol. 90: 955-965 (2012)</p> <p><u>Furukawa R</u>, Matsumoto M, Kaneko H. Characterization of a scavenger receptor cysteine-rich-domain-containing protein of the starfish, <i>Asterina pectinifera</i>: <i>ApSRCR1</i> acts as an opsonin in the larval and adult innate immune systems. / Dev Comp Immunol. 36(1): 51-61 (2012)</p> <p><u>Furukawa R</u>, Takahashi Y, Nakajima Y, Dan-Sohkawa M, Kaneko H. Defense system by mesenchyme cells in bipinnaria larvae of the starfish, <i>Asterina pectinifera</i>. / Dev Comp Immunol. 33: 205-215 (2009)</p>
佐々木 亮平	いわて東北メディカル・メガバンク機構	特命助教	看護学修士	衛生学 公衆衛生学	<p><u>佐々木亮平</u>、岩室紳也：隔月連載 東日本大震災で求められる公衆衛生活動とは ソーシャルキャピタルの醸成は誰の仕事？. 月刊「地域保健」第46巻8号：56-61, 2015</p> <p>岩室紳也、<u>佐々木亮平</u>：震災からの復興に向けた中・長期的な展望を議論する陸前高田市保健医療福祉未来図会議. 地域連携 入退院と在宅支援. 第8巻3号：60-64, 2015</p> <p><u>Sasaki R</u>, Tanno K, Sakata K, Hozawa A, Kuriyama S, Tsuji I, Endo R, Kobayashi S, Hachiya T, Sato M, Ogasawara K, Nakamura M, Hitomi J, Sobue K :Prevalence of high risk of gastric cancer in disaster areas of Iwate Prefecture. /Journal of Epidemiology. 25(1):126 (2015)</p> <p>Hirai H, Kondo N, <u>Sasaki R</u>, Iwamuro S, Masuno K, Ohtsuka R, Miura H, Sakata K :Distance to retail stores and risk of being homebound among older adults in a city severely affected by the 2011 Great East Japan Earthquake. /Age &amp; Ageing. 44(3):478-484 (2015)</p> <p><u>佐々木亮平</u>：平成27年度科学研究費助成事業（学術研究助成基金助成）若手研究（B）. 東日本大震災後の社会的参加活動がソーシャルキャピタルや主観的健康感に与える影響（2015）</p>