

## 委託業務題目

「LDL アフェレーシス療法施行中の重症家族性高コレステロール血症に対する、同種脂肪組織由来多系統前駆細胞 (ADMPC) を用いた細胞移植療法の確立」機関名 国立大学法人大阪大学

## 1. 学会等における口頭・ポスター発表

発表した成果（発表題目、口頭・ポスター発表の別）	発表者氏名	発表した場所（学会等名）	発表した時期	国内・外の別
Serum adiponectin levels correlated with serum apolipoprotein B-48 and remnant lipoprotein-cholesterol concentrations and carotid intimamedia (ポスター)	Hanada H, Masuda D, Fushimi E, Takehashi M, Mugii S, Okubo M, Maeda I, Suehisa E, Hidaka Y, Sakata Y, Yamashita S	82nd Congress of the European Atherosclerosis Society (EAS2014)	May 31-June 3, 2014	国外
A novel potent and selective PPARalpha agonist, K-877, ameliorates both fasting and postprandial hypertriglyceridemia (ポスター)	Masuda D, Kobayashi T, Okada T, Nakaoka H, Kawase R, Nakatani K, Koseki M, Ohama T, Nishida M, Sakata Y, Yamashita S	82nd Congress of the European Atherosclerosis Society (EAS2014)	May 31-June 3, 2014	国外
Eicosapentaenoic acid ameliorates postprandial hypertriglyceridemia (ポスター)	Masuda D, Kobayashi T, Okada T, Nakaoka H, Kawase R, Nakatani K, Koseki M, Ohama T, Nishida M, Sakata Y, Yamashita S	82nd Congress of the European Atherosclerosis Society (EAS2014)	May 31-June 3, 2014	国外
TTC39B deficiency promotes HDL production and impairs non-HDL absorption in small intestine (ポスター)	Koseki M, Hsieh J, Yakushiji E, Welch C, Lqbal J, Hussain MM, Takiguchi S, Rader DJ, Sakata Y, Yamashita S, Tall AR	82nd Congress of the European Atherosclerosis Society (EAS2014)	May 31-June 3, 2014	国外
Serum apolipoprotein B-48 concentrations are correlated with plaque score of carotid arteries (ポスター)	Okubo M, Hanada H, Matsui M, Hidaka Y, Masuda D, Sakata Y, Yamashita S	82nd Congress of the European Atherosclerosis Society (EAS2014)	May 31-June 3, 2014	国外
Effect of niacin on oxidized lowdensity lipoprotein levels in Chinese patients with dyslipidemia (ポスター)	Hu M, Yang Y, Yamashita S, Masuda D, Tomlinson B	82nd Congress of the European Atherosclerosis Society (EAS2014)	May 31-June 3, 2014	国外

Probuocol enhances HDL-mediated reverse cholesterol transport and attenuates atherosclerosis (口頭)	Yamashita S	IMPACT Investigator Meeting	June 7-8, 2014	国外
Linagliptin improves the prognosis of ischemic cardiomyopathy in a new murine model of diet-induced myocardial infarction (ポスター)	Nakaoka H, Nishida M, Nakahawa Toyama Y, Okada T, Kawase R, Nakatani K, Masuda D, Ohama T, Koseki M, Yamashita S	74th Scientific Sessions of American Diabetes Association (ADA2014)	June 13-17, 2014	国外
DPP-4 inhibitor, anagliptin, ameliorates both fasting and postprandial hypertriglyceridemia (口頭)	Masuda D, Kobayashi T, Okada T, Nakaoka H, Kawase R, Nakatani K, Koseki M, Ohama T, Nishida M, Sakata Y, Yamashita S	74th Scientific Sessions of American Diabetes Association (ADA2014)	June 13-17, 2014	国外
Association of high serum apolipoprotein B-48 level with increased proteinuria and reduced estimated glomerular filtration rate (eGFR) (ポスター)	Masuda D, Okubo M, Hanada H, Koseki M, Ohama T, Nishida M, Matsui M, Hidaka Y, Sakata Y, Yamashita S	European Society of Cardiology (ESC) Congress 2014	Aug 30-Sep 3, 2014	国外
A novel potent and selective PPARalpha agonist, K-877, ameliorates the atherogenic profile of fasting and postprandial hypertriglyceridemia in mice (ポスター)	Masuda D, Kobayashi T, Nakaoka H, Kawase R, Nakatani K, Koseki M, Ohama T, Nishida M, Sakata Y, Yamashita S	European Society of Cardiology (ESC) Congress 2014	Aug 30-Sep 3, 2014	国外
TTC39B, a novel gene influencing HDL cholesterol levels: Ttc39b deficiency enhanced intestinal Abca1, increased HDL cholesterol levels and reduced atherosclerosis (ポスター)	Koseki M, Hsieh J, Yakushiji E, Welch C, Lqbal J, Hussain MM, Rader DJ, Tall AR, Sakata Y, Yamashita S	European Society of Cardiology (ESC) Congress 2014	Aug 30-Sep 3, 2014	国外
Comprehensive risk management for prevention of cardiovascular complications of type 2 diabetes (座長)	Yamashita S	9th Metabolic Syndrome, Type 2 Diabetes and Atherosclerosis Congress (MSDA 2014)	Sep 12-14, 2014	国外

Ttc39b deficiency increases HDL production and impairs non-HDL absorption in intestinal enterocytes (ポスター)	Koseki M, Hsieh J, Yakushiji E, Welch C, Iqbal J, Hussain M, Takiguchi S, Rader D, Sakata Y, Tall A, Yamashita S	9th Metabolic Syndrome, Type 2 Diabetes and Atherosclerosis Congress (MSDA 2014)	Sep 12-14, 2014	国外
Clinical application of serum apolipoprotein B-48 measurement to evaluate the accumulation of chylomicron remnants and residual risk status in atherosclerotic cardiovascular diseases (ポスター)	Masuda D, Okubo M, Kobayashi T, Nakatan K, Koseki M, Ohama T, Hanada H, Nishida M, Sakata Y, Yamashita S	9th Metabolic Syndrome, Type 2 Diabetes and Atherosclerosis Congress (MSDA 2014)	Sep 12-14, 2014	国外
Progranulin plays a crucial role in the development of atherosclerosis (ポスター)	Kawase R, Ohama T, Matsuyama A, Zhu Y, Okada T, Nakatani K, Masuda D, Koseki M, Makoto Nishida M, Sakata Y, Yamashita S	9th Metabolic Syndrome, Type 2 Diabetes and Atherosclerosis Congress (MSDA 2014)	Sep 12-14, 2014	国外
Lipoprotein subfractions highly associated with renal damage in familial LCAT deficiency (ポスター)	Kuroda M, Holleboom AG, Stroes ESG, Asada S, Aoyagi Y, Kamata K, Yamashita S, Ishibashi S, Saito Y, Bujo H	9th Metabolic Syndrome, Type 2 Diabetes and Atherosclerosis Congress (MSDA 2014)	Sep 12-14, 2014	国外
Plenary lecture I Postprandial hyperlipidaemia: its etiology, clinical significance and treatment (口頭)	Yamashita S	9th Congress of the Asian-Pacific Society of Atherosclerosis and Vascular Diseases (APSAVD) and 16th Diabetes and Cardiovascular Risk Factors -- East Meets West Symposium	Sep 25-28, 2014	国外
Lunch Symposium 1A "New role of statins in diabetes mellitus" Overview -- Characteristics of pitavastatin (口頭)	Yamashita S	9th Congress of the Asian-Pacific Society of Atherosclerosis and Vascular Diseases (APSAVD) and 16th Diabetes and Cardiovascular Risk Factors -- East Meets West Symposium	Sep 25-28, 2014	国外
Effects of probucol on ischemic cardiomyopathy and cardiac functions in hypo E/SR-BI knockout mice (口頭)	Yamashita S	The 8th Otsuka Asian Atherosclerosis Conference	Oct 11-12, 2014	国外
Panel discussion Basic and clinical findings on the pleiotropic functions of probucol (口頭)	Yamashita S	The 8th Otsuka Asian Atherosclerosis Conference	Oct 11-12, 2014	国外
The current perspective on HDL and CETP (口頭)	Yamashita S	Japan Cardiovascular Residual Risk Advisory Board	November 9, 2014	国外

A role of an HDL-associated antiinflammatory protein, progranulin, in acute coronary syndrome (ポスター)	Kawase R, Ohama T, Matsuyama A, Zhu Y, Okada T, Nakatani K, Masuda D, Koseki M, Nishida M, Sakata Y, Yamashita S	Scientific Sessions 2014 of the American Heart Association	Nov 15-19, 2014	国外
Ttc39b deficiency has a beneficial role on cholesterol and triglyceride absorption in enterocytes (ポスター)	Koseki M, Hsieh J, Yakushiji E, Welch C, Iqbal J, Hussain MM, Tall AR, Sakata Y, Yamashita S	Scientific Sessions 2014 of the American Heart Association	Nov 15-19, 2014	国外
Proteomic analysis of chylomicron remnants isolated by apolipoprotein B-48 immunoprecipitation (ポスター)	Masuda D, Kobayashi T, Okubo M, Okada T, Nakaoka H, Kawase R, Nakatani K, Ohama T, Koseki M, Hanada H, Nishida M, Sakata Y, Yamashita S	Scientific Sessions 2014 of the American Heart Association	Nov 15-19, 2014	国外
Postprandial hyperlipidemia and atherosclerosis (口演)	Yamashita S	Joint Meeting of Coronary Revascularization	Dec 12-13, 2014	国外
Reverse cholesterol transport and atherosclerosis (口演)	Yamashita S	Joint Meeting of Coronary Revascularization	Dec 12-13, 2014	国外
An open-label, phase I trial of transplantation therapy with allogeneic adipose tissue-derived multilineage progenitor cells in homozygous familial hypercholesterolemia patients (ポスター)	Koseki M, Nakatani K, Saga A, Tomita K, Osuga K, Ezoe S, Sakata Y, Yamashita S	Deuel Conference 2015	Mar 3-6, 2015	国外
An open-label, phase I trial of transplantation therapy with allogeneic adipose tissue-derived multilineage progenitor cells in homozygous familial hypercholesterolemia patients (ポスター)	Koseki M, Nakatani K, Saga A, Tomita K, Osuga K, Ezoe S, Sakata Y, Yamashita S	83rd Congress of the European Atherosclerosis Society (EAS2015)	Mar 22-25, 2015	国外
PANELIST (Invited)	M. Koseki	EAS Congress 2015 (欧州動脈硬化学会) FH Patients Advocacy Group Representatives Meeting (家族性高コレステロール血症患者支援代表者会議)	March 21, 2015	国外

SPEAKER (Invited)	S. Yamashita	EAS Congress 2015 ( 欧州動脈硬化学会 ) FH Patients Advocacy Group Representatives Meeting ( 家族性高コレステロール血 症患者支援代表者会議 )	March 22, 2015	国外
ランチョンセミナー 13 Vascular statin の特徴とさらなる可能性 ( 座 長 )	山下静也	第 57 回日本糖尿病学会年次 学術集会	2014.5.22-24	国内

糖転移ヘスペリジンの中性脂肪低下 作用：現状と今後の可能性 ( 口演 )	山下静也	第 68 回日本栄養・食糧学会 大会	2014.5.30-6.1	国内
ランチョンセミナー 3 糖尿病の最新治 療 ～SGLT-2 阻害薬への期待～ ( 座長 )	山下静也	第 46 回日本動脈硬化学会総 会・学術集会	2014.7.10-11	国内
Poster Session 43: HDL-cholesterol ( 座長 )	山下静也	第 46 回日本動脈硬化学会総 会・学術集会	2014.7.10-11	国内
我が国における家族性高コレステロ ール血症ホモ接合体の実態調査 ( 口演 )	斯波真理子、荒井 秀典、山下静也、 石橋 俊	第 46 回日本動脈硬化学会総 会・学術集会	2014.7.10-11	国内
English Session 2: HDL Update 2014 from Basic Science to Therapeutic Horizons ( 座長 )	山下静也	第 46 回日本動脈硬化学会総 会・学術集会	2014.7.10-11	国内
血清アディポネクチン濃度の低値と血清 アポ B-48 濃度・RemL-C 濃度の高値 は頸動脈中膜 肥厚度と相関する ( ポスター )	花田浩之、増田大 作、伏見悦子、竹 橋正則、麦居聡 美、大久保学、前 田育宏、末久悦 次、日高 洋、坂田 泰史、山下静也	第 46 回日本動脈硬化学会総 会・学術集会	2014.7.10-11	国内
Serum apolipoprotein B-48 levels are associated with reduced estimated glomerular filtration rate and increased proteinuria ( ポスター )	Manabu Okubo, Daisaku Masuda, Hiroyuki Hanada, Yoh Hidaka, Yasushi Sakata, Shizuya Yamashita	第 46 回日本動脈硬化学会総 会・学術集会	2014.7.10-11	国内
Pretreatment with probucol prevents ischemic cardiomyopathy in a novel murine model of diet- induced myocardial infarction ( ポス ター )	Hajime Nakaoka, Yumiko Toyama, Makoto Nishida, Takeshi Okada, Ryota Kawase, Kazuhiro Nakatani, Daisaku Masuda, Tohru Ohama, Masahiro Koseki, Masayuki Kohashi, Chifumi Nagano, Yasushi Sakata, Shizuya Yamashita	第 46 回日本動脈硬化学会総 会・学術集会	2014.7.10-11	国内

カイロミクロンレムナント蓄積に着目した動脈硬化性疾患残余リスクの量的・質的評価 (ポスター)	増田大作、小林卓哉、大久保学、花田浩之、西田 誠、日高 洋、坂田泰史、山下静也	第 46 回日本動脈硬化学会総会・学術集会	2014.7.10-11	国内
nonHDL-C 濃度は RemL-C 濃度と相關するが CM-R 蓄積を反映する血清アポ B-48 濃度は脂肪酸の酸化ストレス産物 HODE、HETE 濃度と相關する (ポスター)	大久保学、増田大作、花田浩之、麦居聡美、前田育宏、末久悦次、日高 洋、七里元督、吉田康一、西田 誠、坂田泰史、山下静也	第 46 回日本動脈硬化学会総会・学術集会	2014.7.10-11	国内

A novel gene identified in genome wide association studies, affecting HDLcholesterol levels (口演)	Masahiro Koseki, Joanne Hsieh, Emi Yakushiji, Shunichi Takiguchi, Jahangir Iqbal, M. Mahmood Hussain, Daniel Rader, Alan Tall, Ysushi Sakata, Shizuya Yamashita	第 46 回日本動脈硬化学会総会・学術集会	2014.7.10-11	国内
Myocardial energy production is preserved through increased utilization of glucose and ketone bodies in long-chain fatty acid transporter CD36-knockout mice (ポスター)	Kazuhiro Nakatani, Tadashi Watabe, Daisaku Masuda, Takeshi Okada, Ryota Kawase, Hajime Nakaoka, Atsuhiko Naito, Ohama Tohru, Masahiro Koseki, Makoto Nishida, Yasushi Sakata, Jun Hatazawa, Shizuya Yamashita	第 46 回日本動脈硬化学会総会・学術集会	2014.7.10-11	国内
炎症性蛋白 progranulin (PGRN) の急性冠症候群発症における役割 (ポスター)	川瀬良太、大濱透、森田雅也、黒住祐磨、夏川知輝、伊藤賀敏、増田大作、小関正博、西田 誠、澤野宏隆、土井泰治、坂田泰史、山下静也	第 46 回日本動脈硬化学会総会・学術集会	2014.7.10-11	国内
Session 27: リポタンパク質 (座長)	増田大作	第 46 回日本動脈硬化学会総会・学術集会	2014.7.10-11	国内
Serum apolipoprotein B-48 concentrations are correlated with plaque xcore of carotid arteries (ポスター)	Manabu Okubo, Daisaku Masuda, Hiroyuki Hanada, Yoh Hidaka, Yasushi Sakata, Shizuya Yamashita	第 46 回日本動脈硬化学会総会・学術集会	2014.7.10-11	国内

Eicosapentaenoic acid(EPA) ameliorates postprandial hypertriglyceridemia in mice with highfat diet (座長)	Takuya Kobayashi, Daisaku Masuda, Takeshi Okada, Hajime Nakaoka, Ryota Kawase, Kazuhiro Nakatani, Masahiro Koseki, Tohru Ohama, Makoto Nishida, Yasushi Sakata, Shizuya Yamashita	第 46 回日本動脈硬化学会総会・学術集会	2014.7.10-11	国内
特別発言 脂質管理のあるべき姿とは ACC/AHA ガイドラインの改訂を受けて (口演)	山下静也	第 46 回日本動脈硬化学会総会・学術集会	2014.7.10-11	国内
ランチョンセミナー5 高 LDL-C 血症・高 TG 血症合併例のリスクとその治療 (口演)	山下静也	第 104 回日本循環器学会中国・四国合同地方会	2014.7.18-19	国内
シンポジウム6 「食品機能と生活習慣病予防」 柑橘類由来ポリフェノール「糖転移ヘスベリジン」の機能性食品素材としての可能性 (口演)	山下静也	第 21 回日本未病システム学会学術集会	2014.11.2	国内
動脈硬化で命を落とさないためには? (口演)	山下静也	日本動脈硬化学会第6回市民公開講座	2014.11.30	国内
教育講演 動脈硬化性疾患予防ガイドラインの将来展望 (座長)	山下静也	日本動脈硬化学会第 15 回動脈硬化教育フォーラム	2015.2.8	国内
予防医学的観点からみた脂質異常症の診断基準値および管理目標値 (口演)	山下静也	日本総合健診医学会第 43 回大会	2015.2.20-21	国内
幹細胞を融合した強化型自家神経グラフトの開発: グラフト内シュワン細胞に対する細胞治療法 (口演)	富田興一、西林章光、矢野健二、細川互	第 23 回日本形成外科学会基礎学術集会 シンポジウム 3	2014.10.10	国内
Islet Cell Biology, Regeneration, and Transplantation (invited )	K. Kawamoto	The Qatar-Japan Symposium on Tissue Regeneration Therapy	2014.1.27	国外

## 2. 学会誌・雑誌等における論文掲載

掲載した論文 (発表題目)	発表者氏名	発表した場所 (学会誌・雑誌等名)	発表した時期	国内・外の別
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<p>Committee Report 8 Metabolic Syndrome; Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan—2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Kotaro Yokote; Committee for Epidemiology and Clinical Management of Atherosclerosis</p>	<p>J Atheroscler Thromb 21(1):1-5, 2014</p>	<p>2014</p>	<p>国内</p>
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<p>Committee Report 9 Familial Hypercholesterolemia; Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan—2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Kotaro Yokote; Committee for Epidemiology and Clinical Management of Atherosclerosis</p>	<p>J Atheroscler Thromb 21(1):6-10, 2014</p>	<p>2014</p>	<p>国内</p>
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<p>Committee Report 10 Other Types of Primary Hyperlipoproteinemia (Hyperlipidemia) Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan— 2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Kotaro Yokote; Committee for Epidemiology and Clinical Management of Atherosclerosis</p>	<p>J Atheroscler Thromb 21(2):82-5, 2014</p>	<p>2014</p>	<p>国内</p>
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<p>Committee Report 11 Coronary Artery Disease. Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan— 2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Kotaro Yokote; Committee for Epidemiology and Clinical Management of Atherosclerosis</p>	<p>J Atheroscler Thromb 27;21(2):86-92, 2014</p>	<p>2014</p>	<p>国内</p>
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<p>Committee Report 12 Diabetes mellitus. Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan—2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Kotaro Yokote; Committee for Epidemiology and Clinical Management of Atherosclerosis</p>	<p>J Atheroscler Thromb Feb 27;21(2):93-98, 2014</p>	<p>2014</p>	<p>国内</p>
<p>Committee Report 13 Chronic Kidney Disease. Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan—2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Koutaro Yokote</p>	<p>J Atheroscler Thromb 21(3):173-174, 2014</p>	<p>2014</p>	<p>国内</p>
<p>Committee Report 14 Cerebrovascular Diseases. Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan—2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Koutaro Yokote</p>	<p>J Atheroscler Thromb 21(3):175-179, 2014</p>	<p>2014</p>	<p>国内</p>

<p>Committee Report 15 The Elderly. Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan—2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Koutaro Yokote</p>	<p>J Atheroscler Thromb 21(3):180-185, 2014</p>	<p>2014</p>	<p>国内</p>
<p>Committee Report 16 Women. Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan—2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Koutaro Yokote</p>	<p>J Atheroscler Thromb 21(4):291-295, 2014</p>	<p>2014</p>	<p>国内</p>

<p>Committee Report 17 Diagnosis of Atherosclerosis. Executive Summary of the Japan Atherosclerosis Society (JAS) Guidelines for the Diagnosis and Prevention of Atherosclerotic Cardiovascular Diseases in Japan— 2012 Version</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Koutaro Yokote</p>	<p>J Atheroscler Thromb 21(4):296-298, 2014</p>	<p>2014</p>	<p>国内</p>
<p>Committee Report Appendix Statements</p>	<p>Tamio Teramoto, Jun Sasaki, Shun Ishibashi, Sadatoshi Birou, Hiroyuki Daida, Seitaro Dohi, Genshi Egusa, Takafumi Hiro, Kazuhiko Hirobe, Mami Iida, Shinji Kihara, Makoto Kinoshita, Chizuko Maruyama, Takao Ohta, Tomonori Okamura, Shizuya Yamashita, Masayuki Yokode, Koutaro Yokote</p>	<p>J Atheroscler Thromb 21(4):299-303, 2014</p>	<p>2014</p>	<p>国内</p>
<p>Integrated guidance on the care of familial hypercholesterolaemia from the international FH foundation</p>	<p>Gerald F. Watts, Samuel Gidding, Anthony S. Wierzbicki, Peter P. Toth, Rodrigo Alonso, W. Virgil Brown, Eric Bruckert, Joep Defesche, Khoo Kah Lin, Michael Livingston, Pedro Mata, Klaus G Parhofer, Frederick J. Raal, Raul D. Santos, Eric J. G. Sijbrands, William G. Simpson, David R. Sullivan, Andrey V. Susekov, Brian Tomlinson, Albert Wiegman, Shizuya</p>	<p>Int J Cardiol 171(3):309-25, 2014</p>	<p>2014</p>	<p>国内</p>

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<p>Integrated guidance on the care of familial hypercholesterolemia from the International FH Foundation</p>	<p>Gerald F. Watts, Samuel Gidding, Anthony S. Wierzbicki, Peter P. Toth, Rodrigo Alonso, W. Virgil Brown, Eric Bruckert, Joep Defesche, Khoo Kah Lin, Michael Livingston, Pedro Mata, Klaus G Parhofer, Frederick J. Raal, Raul D. Santos, Eric J. G. Sijbrands, William G. Simpson, David R. Sullivan, Andrey V. Susekov, Brian Tomlinson, Albert Wiegman, Shizuya Yamashita, John J. P. Kastelein</p>	<p>J Clin Lipidol 8(2):148-172, 2014</p>	<p>2014</p>	<p>国内</p>
<p>Effects of evolocumab (AMG 145), a monoclonal antibody to PCSK9, in hypercholesterolemic, statin-treated Japanese patients at high cardiovascular risk</p>	<p>Atsushi Hirayama, Narimon Honarpour, Masayuki Yoshida, Shizuya Yamashita, Huang F, Scotte M Wasserman, Tamio Teramoto</p>	<p>Circ J 78(5):1073-1082, 2014</p>	<p>2014</p>	<p>国内</p>
<p>Executive Summary Integrated guidance on the care of familial hypercholesterolemia from the International FH Foundation</p>	<p>Gerald F. Watts, Samuel Gidding, Anthony S. Wierzbicki, Peter P. Toth, Rodrigo Alonso, W. Virgil Brown, Eric Bruckert, Joep Defesche, Khoo Kah Lin, Michael Livingston, Pedro Mata, Klaus G Parhofer, Frederick J. Raal, Raul D. Santos, Eric J. G. Sijbrands, William G. Simpson, David R. Sullivan, Andrey V. Susekov, Brian Tomlinson, Albert Wiegman, Shizuya Yamashita, John J. P. Kastelein</p>	<p>J Atheroscler Thromb 21(4):368-374, 2014</p>	<p>2014</p>	<p>国内</p>
<p>Correspondence Impact of the Integrated Guidance on the Care of Familial Hypercholesterolaemia</p>	<p>Hidenori Arai, YuAn Ding, Shizuya Yamashita</p>	<p>J Atheroscler Thromb 21(4):366-367, 2014</p>	<p>2014</p>	<p>国内</p>

Reference Interval for the Apolipoprotein B-48 Concentration in Healthy Japanese Individuals	Daisaku Masuda, Makoto Nishida, Toshihiko Arai, Hiroyuki Hanada, Hiroshi Yoshida, Keiko YamauchiTakahara, Toshiki Moriyama, Norio Tada, Shizuya Yamashita	J Atheroscler Thromb 21(6):618-627, 2014	2014	国内
Serum apolipoprotein B-48 concentration is associated with a reduced estimated glomerular filtration rate and increased proteinuria	Manabu Okubo, Hiroyuki Hanada, Masahiko Matsui, Yoh Hidaka, Daisaku Masuda, Yasushi Sakata, Shizuya Yamashita	J Atheroscler Thromb 21(9):974-982, 2014	2014	国内
Lipoprotein subfractions highly associated with renal damage in familial LCAT deficiency	Masayuki Kuroda, Adriaan G. Holleboom, Erik S.G. Stroes, Sakiyo Asada, Yasuyuki Aoyagi, Kouju Kamata, Shizuya Yamashita, Shun Ishibashi, Yasushi Saito, and Hideaki Bujo	Arterioscler Thromb Vasc Biol 34(8):1756-1762, 2014	2014	国外
Association of lifestyle-related factors with circadian onset patterns of acute myocardial infarction: a prospective observational study in Japan	Ryuya Edahiro, Yasuhiko Sakata, Daisaku Nakatani, Shinichiro Suna, Masaya Usami, Sen Matsumoto, Masahiko Hara, Tetsuhisa Kitamura, Hiroshi Sato, Shizuya Yamashita, Shinsuke Nanto, Shungo Hikoso, Yasushi Sakata, Masatsugu Hori, Toshimitsu Hamasaki, Issei Komuro, on behalf of the OACIS Investigators	BMJ Open 4(6):e005067, 2014	2014	国外

CD36, but not GPR120, is required for efficient fatty acid utilization during endurance exercise	Mina Fujitani, Shigenobu Matsumura, Daisaku Masuda, Shizuya Yamashita, Tooru Fushiki, Kazuo Inoue	Biosci Biotechnol Biochem 78(11):1871-1878, 2014	2014	国外
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DIEP Flap Breast Reconstruction Using 3-Dimensional Surface Imaging and a Printed Mold.	K. Tomita, K. Yano, Y. Hata,A. Nishibayashi, K. Hosokawa	Plastic and Reconstructive Surgery Global Open	2015	国外
Eyebrow reconstruction using a composite skin graft from sideburns.	K. Matsuda,M. Shibata,S. Kanazawa, T. Kubo, K. Hosokawa	Plastic and Reconstructive Surgery Global Open	2015	国外
Simple method to prevent retention of skin staples.	K. Matsuda,M. Shibata,K. Hosokawa	Eplasty	2015	国外
Breast reconstruction following breastconserving surgery with a subcutaneous tissue expander and latissimus dorsi flap.	K. Tomita, K. Yano,Y. Sugio, T. Ishihara, A. Nishibayashi,K. Matsuda, K. Hosokawa	Plastic and Reconstructive Surgery Global Open	2014	国外
Cyp26b1 within the growth plate regulates bone growth in juvenile mice.	Y. Minegishi, Y. Sakai, Y. Yahara,H. Akiyama, H. Yoshikawa, K. Hosokawa, N. Tsumaki	Biochem Biophys Res Commun	2014	国外
Topological analysis for arteriovenous malformations via computed tomography angiography: Part 2: Practical application.	Y. Hata, K. Osuga,S. Uehara,K. Yano, M. Kikuchi, K. Tomita, K. Matsuda, T. Kubo, T. Fujiwara,K. Hosokawa	Plastic and Reconstructive Surgery Global Open	2014	国外
Topological analysis for arteriovenous malformations via computed tomography angiography: Part 1: Mathematical concepts	Y. Hata, K. Osuga,T. Kubo,K. Matsuda,K. Tomita,M. Kikuchi,T. Fujiwara, K. Yano,K, Hosokawa	Plastic and Reconstructive Surgery Global Open	2014	国外

<p>(+)-Catechin protects dermal fibroblasts against oxidative stress-induced apoptosis.</p>	<p>T. Tanigawa, S. Kanazawa, R. Ichibori, T. Fujiwara, T. Magome, K. Shingaki, S. Miyata, Y. Hata, K. Tomita, K. Matsuda, T. Kubo, M. Tohyama, K. Yano, K. Hosokawa</p>	<p>BMC Complementary and Alternative Medicine</p>	<p>2014</p>	<p>国外</p>
<p>Objective assessment of facial skin aging and the associated environmental factors in Japanese monozygotic twins.</p>	<p>R. Ichibori, T. Fujiwara, T. Tanigawa, S. Kanazawa, K. Shingaki, K. Torii, K. Tomita, K. Yano, Osaka Twin Research Group, Y. Sakai, K. Hosokawa</p>	<p>Journal of Cosmetic Dermatology</p>	<p>2014</p>	<p>国外</p>
<p>Repair of symptomatic perineal hernia with a titanium mesh.</p>	<p>Y. Imagawa, K. Tomita, K. Kitahara, K. Yano, K. Hosokawa</p>	<p>Hernia</p>	<p>2014</p>	<p>国外</p>
<p>Anatomic evaluation of the internal mammary vessels using multidetector CT angiography images in 100 Asian patients.</p>	<p>H. Tashima, M. Fujikawa, K. Izumi, K. Matsuda, K. Tomita, K. Hosokawa</p>	<p>Eplasty</p>	<p>2014</p>	<p>国外</p>
<p>Initial experience with use of hydrogel microcoils in embolization of pulmonary arteriovenous malformations.</p>	<p>K. Osuga, K. Kishimoto, K. Tanaka, M. Nakamura, Y. Ono, N. Maeda, H. Higashihara, T. Nakazawa, N. Tomiyama</p>	<p>SpringerPlus</p>	<p>2014</p>	<p>国外</p>
<p>Topological analysis for arteriovenous malformations via computed tomography angiography: Part 2: Practical application.</p>	<p>Y. Hata, K. Osuga, S. Uehara, K. Yano, M. Kikuchi, K. Tomita, K. Matsuda, T. Kubo, T. Fujiwara, K. Hosokawa</p>	<p>Plastic and Reconstructive Surgery Global Open</p>	<p>2014</p>	<p>国外</p>



Topological analysis for arteriovenous malformations via computed tomography angiography: Part 1: Mathematical concepts	Y. Hata, K. Osuga, T. Kubo, K. Matsuda, K. Tomita, M. Kikuchi, T. Fujiwara, K. Yano, K. Hosokawa	Plastic and Reconstructive Surgery Global Open	2014	国外
Percutaneous sclerotherapy for venous malformations in the extremities: clinical outcomes and predictors of patient satisfaction	M. Nakamura, K. Osuga, N. Maeda, H. Higashihara, K. Hamada, N. Hashimoto, S. Uehara, N. Tomiyama	Springerplus	2014	国外
In Vivo Evaluation of Irinotecan-Loaded QuadraSphere Microspheres for Use in Chemoembolization of VX2 Liver Tumors	K. Tanaka, N. Maeda, K. Osuga, Y. Higashi, A. Hayashi, Y. Hori, K. Kishimoto, E. Morii, F. Ohashi, N. Tomiyama	J Vasc Interv Radiol	2014	国外
Embolic effects of transcatheter mesenteric arterial embolization with microspheres on the small bowel in a dog model	K. Kishimoto, K. Osuga, N. Maeda, Y. Higashi, A. Hayashi, Y. Hori, M. Nakamura, F. Ohashi, E. Morii, N. Tomiyama	J Vasc Interv Radiol	2014	国外
Role of pyruvate kinase M2 in transcriptional regulation leading to epithelial-mesenchymal transition	A. Hamabe, M. Konno, N. Tanuma, H. Shimizu, K. Tsunekuni, K. Kawamoto, N. Nishida, J. Koseki, K. Mimori, N. Gotoh, H. Yamamoto, Y. Doki, M. Mori, H. Ishii	Proc Natl Acad Sci U S A	2014	国外
Interferon- $\alpha$ acts on the S/G2/M phases to induce apoptosis in the G1 phase of an IFNAR2-expressing hepatocellular carcinoma cell line.	S. Maeda, H. Wada, Y. Naito, H. Nagano, S. Simmons, Y. Kagawa, A. Naito, J. Kikuta, T. Ishii, Y. Tomimaru, N. Hama, K. Kawamoto, S. Kobayashi, H. Eguchi, K. Umeshita, H. Ishii, Y. Doki, M. Mori, M. Ishii	J Biol Chem	2014	国外

脂肪由来間葉系幹細胞を用いた細胞療法の脾臓移植への応用 CD90high 脂肪由来間葉系幹細胞亜分画の有効性	川本弘一、今野雅允、石井秀始、富丸慶人、濱直樹、和田浩志、小林省吾、江口英利、種村匡弘、伊藤壽記、森正樹、土岐祐一郎、永野浩昭	Organ Biology	2014	国内
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(注1) 発表者氏名は、連名による発表の場合には、筆頭者を先頭にして全員を記載すること。

(注2) 本様式は excel 形式にて作成し、甲が求める場合は別途電子データを納入すること。様式第 19 学会等発表実績

#### 委託業務題目

「LDL アフェレーシス療法施行中の重症家族性高コレステロール血症に対する、同種脂肪組織由来多系統前駆細胞 (ADMPC) を用いた細胞移植療法の確立」機関名 京都大学大学院

#### 1. 学会等における口頭・ポスター発表

発表した成果 (発表題目、口頭・ポスター発表の別)	発表者氏名	発表した場所 (学会等名)	発表した時期	国内・外の別
Living well with dementia in Japan: Cross-cultural care of dementia in Asia (シンポジウム)	Arai H	10th Congress of the EUGMS 2014 (International Congress of the European Union Geriatric Medicine Society), Rotterdam. The Netherlands	Sep.19,2014	国外
Social participation is associated with physical frailty in Japanese older adults (ポスター)	Ogita M, Okura M, Yamamoto M, Nakai T, Numata T, Arai H	10th Congress of the EUGMS 2014 (International Congress of the European Union Geriatric Medicine Society), Rotterdam. The Netherlands	Sep.18,2014	国外
More social participation is associated with less dementia and depression in Japanese older adults irrespective of physical frailty (ポスター)	Okura M, Ogita M, Yamamoto M, Nakai T, Numata T, Arai H	10th Congress of the EUGMS 2014 (International Congress of the European Union Geriatric Medicine Society), Rotterdam. The Netherlands	Sep.18,2014	国外
Mail-Based Intervention For Sarcopenia Prevention Increased Skeletal Muscle Mass, Vitamin D And Igf-1 In Community-Dwelling Japanese Older Adults -Ine Study- (ポスター)	Yamada M, Arai H	36th ESPEN Congress on Clinical Nutrition & Metabolism (The European Society for Clinical Nutrition and Metabolism), Geneva, Switzerland	Sep. 8,2014	国外
地域在住高齢者におけるペット飼育と認知機能との関連の検討 (ポスター)	片寄亮、宮松直美、荻田美穂子、大倉美佳、山本美樹、沼田朋子、荒井秀典	第 73 回日本公衆衛生学会 (栃木)	2014.11.6	国内

高齢者の QOL と介護予防地域高齢者における運動機能別にみた社会参加状況と認知機能およびうつとの関連(Kami Study)(ポスター)	大倉美佳、荻田美穂子、山本美樹、沼田朋子、荒井秀典	第 73 回日本公衆衛生学会(栃木)	2014.11.5	国内
地域高齢者の社会参加状況と運動機能との関連(ポスター)	荻田美穂子、大倉美佳、山本美樹、沼田朋子、荒井秀典	第 73 回日本公衆衛生学会(栃木)	2014.11.5	国内
在宅医療における薬剤師業務に対する医師の重要度認識～京都府医師会所属医師の在宅医療・多職種連携に対する意識調査より～(口頭)	小村富美子、荒井秀典	第 24 回 日本医療薬学会年会(福岡)	2014.9.28	国内
京都府における医師の在宅医療・多職種連携に対する意識調査(口頭)	小村富美子、荒井秀典	第 56 回日本老年医学会学術集会(愛知)	2014.6.13	国内

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学会誌・雑誌等における論文掲載

掲載した論文(発表題目)	発表者氏名	発表した場所(学会誌・雑誌等名)	発表した時期	国内・外の別
Ethnic and geographic variations in muscle mass, muscle strength and physical performance measures	J. Woo, H. Arai, T.P. Ng, A.A.Sayer, M. Wonga, H.Syddall, M.Yamada, P.Zeng, S.Wu, T.M. Zhang	Eur Geriatr Med	2014	国外
Comparison of frailty among Japanese, Brazilian Japanese descendants and Brazilian community-dwelling older women	PY.SewoSampaio, RA.Sampaio, M.Yamada, M. Ogita, H. Arai	Geriatr Gerontol Int.	2014	国外
Differential Association of Frailty With Cognitive Decline and Sarcopenia in Community-Dwelling Older Adults	S.Nishiguchi, M.Yamada, N. Fukutani, D. Adachi, Y.Tashiro, T. Hotta, S. Morino, H. Shirooka, Y.Nozaki, H.Hirata, M.Yamaguchi, H. Arai	J Am Med Dir Assoc.	2014	国外
Comparison of frailty between users and non-users of a day care center using the Kihon Checklist in Brazil	PYS. Sampaio, RAC. Sampaio, M.Yamada, H. Arai	J Clin Gerontol Geriatr	2014	国外

Prevalence of and interventions for sarcopenia in ageing adults: a systematic review. Report of the International Sarcopenia Initiative (EWGSOP and IWGS).	AJ. Cruz-Jentoft, F. Landi, SM. Schneider, C. Zúñiga, H. Arai, Y. Boirie, LK. Chen, RA. Fielding, FC. Martin, JP. Michel, C. Sieber, JR. Stout, S. A. Studenski, B. Vellas, J. Woo, M. Zamboni, T. Cederholm	Age Ageing	2014	国外
Effect of physical activity on memory function in older adults with mild Alzheimer's disease and mild cognitive impairment	Tanigawa T, Takechi H, Arai H, Yamada M, Nishiguchi S, Aoyama T	Geriatr Gerontol Int	2014	国内

Sarcopenia in Asia: consensus report of the Asian Working Group for Sarcopenia	LK. Chen, LK. Liu, J. Woo, P. Assantachai, TW. Auyeung, KS. Bahyah, MY. Chou, LY. Chen, PS. Hsu, O. Kairit, JS. Lee, WJ. Lee, Y. Lee, CK. Liang, P. Limpawattana, CS. Lin, LN. Peng, S. Satake, T. Suzuki, CW. Won, CH. Wu, SN. Wu, T. Zhang, P. Zeng, M. Akishita, H. Arai	J Am Med Dir Assoc.	2014	国外
Age-dependent changes in skeletal muscle mass and visceral fat area in Japanese adults from 40 to 79 years of age.	M. Yamada, Y. Moriguchi, T. Mitani, T. Aoyama, H. Arai	Geriatr Gerontol Int	2014	国内
Arterial stiffness is associated with low skeletal muscle mass in Japanese community-dwelling older adults	RAC. Sampaio, PYS. Sampaio, M. Yamada, T. Yukutake, MC. Uchida, T. Tsuboyama, H. Arai	Geriatr Gerontol Int, 14 Suppl	2014	国内
Prevalence of sarcopenia in community-dwelling Japanese older adults	M. Yamada, S. Nishiguchi, N. Fukutani, T. Tanigawa, T. Yukutake, H. Kayama, T. Aoyama, H. Arai	J Am Med Dir Assoc	2013	国外
Validation and Translation of the Kihon Checklist (frailty index) into Brazilian Portuguese	Sampaio PYS, Sampaio RAC, Yamada M, Ogita M, Arai H,	Geriatr Gerontol Int	2013	国内

Effect of physical activity on memory function in older adults with mild Alzheimer ' s disease and mild cognitive impairment	T.Tanigawa,H.Tak echi,H.Arai,M.Yamada,S.Nishiguch i, T.Aoyama	Geriat Gerontol Int	2013	国内
Arterial Stiffness Determined According to the Cardio-Ankle Vascular Index (CAVI) is Associated with Mild Cognitive Decline in Community-Dwelling Elderly Subjects	T.Yukitake,M.Yamada,N.Fukutani,S.Nishiguchi,H.Kayama,T.Tanigawa,D. Adachi,T.Hotta,S.Morino,Y.Tashiro, H.Arai,T. Aoyama	J Atheroscler Thromb	2013	国内
Chronic kidney disease (CKD) is an independent risk factor for long-term care insurance (LTCI) need certification among older Japanese adults: A two-year prospective cohort study	M.Yamada,H.Arai,S.Nishiguchi,Y.Kajiwara,K.Yoshimura, T.Sonoda,T.Yukitake,H.Kayama,T.Tanigawa,T.Aoyama	Arch Gerontol Geriatr	2013	国外

(注1) 発表者氏名は、連名による発表の場合には、筆頭者を先頭にして全員を記載すること。

(注2) 本様式は excel 形式にて作成し、甲が求める場合は別途電子データを納入すること。

## 委託業務題目

「LDL アフェレーシス療法施行中の重症家族性高コレステロール血症に対する、同種脂肪組織由来多系統前駆細胞 (ADMP) を用いた細胞移植療法の確立」機関名 近畿大学薬学総合研究所

## 1. 学会等における口頭・ポスター発表

発表した成果（発表題目、口頭・ポスター発表の別）	発表者氏名	発表した場所（学会等名）	発表した時期	国内・外の別
再生医療製品・遺伝子治療薬等の品質評価の上での科学的妥当性とは（口頭）	早川堯夫	第 10 回医薬品レギュラトリーサイエンスフォーラム	2013.12.12	国内
ヒトメラノーマ細胞のグライコフォームフォーカストプロテオミクス（口頭）	木下充弘、三ツ井洋介、原沙也香、山田佳太、早川堯夫、掛樋一晃	第 32 回日本糖質学会年会	2013.8.6	国内
Suppressive effects of prenylcoumarins from <i>Mammea siamensis</i> on iNOS synthase expression in RAW264.7 cells (口頭)	T. Morikawa, M. Sueyoshi, S. Chaipech, H. Matsuda, Y. Nomura, M. Yabe, T. Matsumoto, K. Ninomiya, M. Yoshikawa, Y. Pongpiriyadacha, T. Hayakawa, O. Muraoka	14th Tetrahedron Symposium	2013.6.26	国外
Role of Notch signaling in the maintenance of human mesenchymal stem cells under hypoxic conditions (口頭)	H. Moriyama, M. Moriyama, A. Matsuyama, T. Hayakawa	The 7th Notch meeting	2013.2.14	国外
脂肪組織由来体性幹細胞の製造方法 (口頭)	H. Moriyama, Mariko Moriyama, Akifumi Matsuyama, Takao Hayakawa	関西 8 私大新技術開発説明会	2013.3.1	国内
Notch シグナルが皮膚を正しく構築する仕組み (口頭)	森山麻里子、宇田純輝、松山晃文、早川堯夫、森山博由	皮膚の会 (総会)	2013.3.16-17	国内
低酸素暴露下における脂肪由来間葉系幹細胞の Notch シグナル亢進と解糖系調節機構の解明 (ポスター)	H. Moriyama, M. Moriyama, A. Matsuyama, T. Hayakawa	第 12 回日本再生医療学会総会	2013.3.21-23	国内
INDISPENSABLE ROLES OF BNIP3, AN INDUCER OF AUTOPHAGY, IN BOTH DIFFERENTIATION AND MAINTENANCE OF EPIDERMAL KERATINOCYTES (口頭)	M. Mariko, M. Hiroyuki, U. Junki, M. Akifumi, O. Masatake, H. Takao	2013 International Investigative Dermatology Meeting,	2013.3.8-11	国外

ROLE OF NOTCH SIGNALING IN THE MAINTENANCE OF HUMAN MESENCHYMAL STEM CELLS UNDER HYPOXIC CONDITIONS (ポスター)	M. Hiroyuki, M. Mariko, U. Ayaka, N. Yusuke, O. Hanayuki, M. Akifumi, H. Takao	11th ISSCR	2013.6.12-15	国外
INDISPENSABLE ROLES OF BNIP3, AN INDUCER OF AUTOPHAGY, IN BOTH DIFFERENTIATION AND MAINTENANCE OF EPIDERMAL KERATINOCYTES. (ポスター)	M. Mariko, M. Hiroyuki, U. Junki, M. Akifumi, O. Masatake, H. Takao	11th ISSCR	2013.6.12-15	国外
ROLE OF NOTCH SIGNALING IN THE MAINTENANCE OF HUMAN MESENCHYMAL STEM CELLS UNDER HYPOXIC CONDITIONS. (口頭)	M. Hiroyuki, M. Mariko, U. Ayaka, N. Yusuke, O. Hanayuki, M. Akifumi, H. Takao	Harvard medical School, MGH, CBRC	2013.6.12-15	国外
ヒト脂肪組織由来多系統前駆細胞 (hADMPC) を用いたインスリン産生細胞の作製 (ポスター)	曾根千晶、森山麻里子、大倉華雪、松山晃文、早川堯夫、森山博由	第4回生命機能研究会	2013.6.12-15	国内
ヒト脂肪組織由来多系統前駆細胞 (hADMPC) を用いた効率的なドパミン産生細胞作製 (ポスター)	大森重成、森山麻里子、大倉華雪、松山晃文、早川堯夫、森山博由	第4回生命機能研究会	2013.6.12-15	国内
Bcl-2 ファミリー分子 BNIP3 が表皮構築に及ぼす影響 (ポスター)	森山麻里子、宇田純輝、北川綾弓、野村昇吾、早川堯夫、森山博由	第63回日本薬学会近畿支部総会	2013.10.12	国内
Indispensable roles of BNIP3, an inducer of autophagy, in both differentiation and maintenance of epidermal keratinocytes (口頭)	J. Uda, M. Moriyama, H. Okura, A. Matsuyama, T. Hayakawa, H. Moriyama	The 35th annual meeting of the molecular biology society of Japan	2013.12.3-6	国内
低酸素暴露を介する脂肪由来間葉系幹細胞のドパミン産生細胞分化 (口頭)	H. Moriyama, M. Moriyama, A. Matsuyama, T. Hayakawa	第13回日本再生医療学会総会	2013.3.4-6	国内
低酸素暴露下における脂肪由来間葉系幹細胞の Notch 進と解糖系調節機構の解明 (口頭)	M. Moriyama, H. Moriyama, A. Matsuyama, T. Hayakawa	第13回日本再生医療学会総会	2013.3.4-6	国内

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学会誌・雑誌等における論文掲載

掲載した論文 (発表題目)	発表者氏名	発表した場所 (学会誌・雑誌等名)	発表した時期	国内・外の別
BNIP3 plays crucial roles in the differentiation and maintenance of epidermal keratinocytes	M. Moriyama, J. Uda, A. Matsuyama, M. Osawa, T. Hayakawa	J Invest Dermatol	2014	国外

CCAAT/enhancer binding proteinmediated regulation of TGFβ receptor 2 expression determines the hepatoblast fate decision	K. Takayama, K. Kawabata, Y. Nagamoto, M. Inamura, K. Ohashi, H. Okuno, T. Yamaguchi, K. Tashiro, F. Sakurai, T. Hayakawa, T. Okano,MK. Furue, H Mizuguchi	Development	2014	国外
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Role of notch signaling in the maintenance of human mesenchymal stem cells under hypoxic conditions	H. Moriyama, M. Moriyama, H. Isshi, S. Ishihara, H. Okura, A. Ichinose, T. Ozawa, A. Matsuyama, T. Hayakawa	Stem Cells Dev	2014	国外
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(注1) 発表者氏名は、連名による発表の場合には、筆頭者を先頭にして全員を記載すること。

(注2) 本様式は excel 形式にて作成し、甲が求める場合は別途電子データを納入すること。



様式第19

学会等発表実績

委託業務題目

「LDLアフェレーシス療法施行中の重症家族性高コレステロール血症に対する、同種脂肪組織由来多系統前駆細胞（ADMPC）を用いた細胞移植療法の確立」

機関名 国立循環器病センター

1. 学会等における口頭・ポスター発表

発表した成果（発表題目、口頭・ポスター発表の別）	発表者氏名	発表した場所（学会等名）	発表した時期	国内・外の別
Serum Total Bilirubin Levels in Japanese Patients with Familial Hypercholesterolemia(口頭)	M. Ogura,M. Hori, M. Harada-Shiba	The 2nd World Congress of Clinical Lipidology	2014.12.5~7	国外
Management of pregnancy and delivery in 4 homozygous FH with LDL apheresis (口頭)	M. Harada-Shiba	9th LIPIDCLUB & Therapeutic Apheresis 2014	2014.6.6~7	国外
Long Term Effect of Bridged Nucleic Acid(BNA)-Based Antisense Targeting PCSK9 on Metabolism and Inflammation, (ポスター)	M, Harada-Shiba, T. Yamamoto,H. Yasuhara,F. Wada,S. Wada,M. Shibata,S. Obika	82nd European Atherosclerosis Society	2014.5.31~6.3	国外
Efficacy of Evolocumab(AMG145) in Patients with PCSK9 Gain-of-Function Mutations (口頭)	M. Harada-Shiba,I. Kishimoto,H. Makino,M. Ogura,C. Kurtz,N. Honarpour,F. Xu,S.M.Wasserman,G.F. Watts	82nd European Atherosclerosis Society, Clinical and Late Breaking Session 1	2014.5.31~6.3	国外
動脈硬化の治療実験モデルとしてApoE-KOマウスを用いるための基礎的解析 (ポスター)	柴田映子、柴田雅朗、斯波真理子	第46回日本動脈硬化学会総会・学術集会	2014.7.10~11	国内
Characteristics of heterozygous familial hypercholesterolemia with mutations in between LDLR, PCSK9 and LDLRAP1 gene (ポスター)	N. Ohta, M. Hori, A. Fujiwara,H. Fujiyama, M. Sano, T. Tamanaha, H. Makino, I. Kishimoto,Y. Miyamoto, M. Harada-Shiba	第46回日本動脈硬化学会総会・学術集会	2014.7.10~11	国内
冠動脈三枝病変を合併した家族性高コレステロール血症ヘテロ接合体高齢初産の1例 (ポスター)	小倉正恒、横野久士、玉那覇民子、肥後諒、菱田藍、長谷川夕希子、岸本一郎、斯波真理子	第46回日本動脈硬化学会総会・学術集会	2014.7.10~11	国内
超音波で測定したアキレス腱厚と頸動脈内膜中膜複合体厚の関連 (ポスター)	道倉雅仁、小倉正恒、富家千鶴、肥後諒、菱田藍、椽谷真由、大畑洋子、玉那覇民子、横野久士、柴田映子、堀美香、岸本一郎、斯波真理子	第46回日本動脈硬化学会総会・学術集会	2014.7.10~11	国内

LDL apheresis treatment by both LDL adsorption and double membrane filtration reduces plasma levels of mature and furin-cleaved PCSK9s (ポスター)	M. Hori, Y. Yuasa, H. Makino, H. Komai, K. Yanagi, R. Koezuka, T. Tamanaha, I. Kishimoto, H. Hattori, M. Harada-Shiba	第46回日本動脈硬化学会総会・学術集会	2014.7.10 - 11	国内
我が国における家族性高コレステロール血症ホモ接合体の実体調査(口頭)	斯波真理子、荒井秀典、山下静也、石橋俊	第46回日本動脈硬化学会総会・学術集会、シンポジウム	2014.7.10 - 11	国内
<b>掲載した論文(発表題目)</b>	<b>発表者氏名</b>	<b>発表した場所(学会誌・雑誌等名)</b>	<b>発表した時期</b>	<b>国内・外の別</b>
Significant Gaps in Awareness of Familial Hypercholesterolaemia among Physicians in selected Asia-Pacific Countries: a Pilot Study	J. Pang, D R. Sullivan, M. Harada-Shiba, P. YA Ding, S. Selvey, S. Ail, G F. Watts	Journal of Clinical Lipidology	im press	国外
Removal of plasma mature and furin-cleaved proprotein convertase subtilisin/kexin 9 (pcsk9) by low-density lipoprotein apheresis in familial hypercholesterolemia: Development and application of a new assay for pcsk9	M. Hori, M. Ishihara, Y. Yuasa, H. Makino, K. Yanagi, T. Tamanaha, I. Kishimoto, T. Kujiraoka, H. Hattori, M. Harada-Shiba	J. Clin. Endocrinol. Metab.	2014	国外
Familial hypercholesterolemia	Teramoto T, Sasaki J, S. Ishibashi, S. Birou, H. Daida, S. Dohi, G. Egusa, T. Hiro, K. Hirobe, M. Iida, S. Kihara, M. Kinoshita, C. Maruyama, T. Ohta, T. Okamura, S. Yamashita, M. Yokode, K. Yokote, M. Harada-Shiba H. Arai, H. Bujo, A. Nohara, S. Oikawa, T. Okada, A.	J Atheroscler Thromb	2014	国外

## 2. 学会誌・雑誌等における論文掲載

Wakatsuki

(注1) 発表者氏名は、連名による発表の場合には、筆頭者を先頭にして全員を記載すること。

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