CURRICULUM VITAE
HELEN HASKELL HOBBS

Birth Date; Place: May 5, 1952; Boston, Massachusetts

Address: Department of Molecular Genetics
University of Texas Southwestern Medical Center at Dallas
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EDUCATION & TRAINING:

1970-1971 University of Pennsylvania, Philadelphia, PA
1971-1974 B.A., Human Biology, Stanford University, Palo Alto, CA
1975-1979 M.D., Case Western Reserve University School of Medicine, Cleveland, OH
1979-1980 Intern, Internal Medicine, Columbia Presbyterian Medical Center, New York City, NY
1980-1982 Resident, Internal Medicine, University of Texas Southwestern Medical Center (UT Southwestern), Dallas, TX
1982-1983 Chief Resident, Department of Internal Medicine, UT Southwestern
1983-1987 Postdoctoral Fellowship, Department of Molecular Genetics & Subspecialty Training in Endocrinology and Metabolism, UT Southwestern

POSITIONS:

1987-1991 Assistant Professor, Departments of Internal Medicine and Molecular Genetics, and Chief, Division of Medical Genetics, UT Southwestern
1991-1995 Associate Professor, Departments of Internal Medicine and Molecular Genetics, and Chief, Division of Medical Genetics, UT Southwestern
1995- Professor, Departments of Internal Medicine and Molecular Genetics, and Chief, Division of Medical Genetics, UT Southwestern
2000- Director, McDermott Center for Human Growth and Development, UT Southwestern
2002- Investigator, Howard Hughes Medical Institute

ELECTED MEMBERSHIPS:

Alpha Omega Alpha, 1979
American Society of Clinical Investigation, 1991
Institute of Medicine, National Academy of Science, 2004
Association of American Physicians, 1997
American Academy of Arts and Sciences, 2006
National Academy of Sciences, 2007
Fellow, American Association for the Advancement of Science, 2015

HONORS AND AWARDS:

Alfred S. Maschke Award for Excellence in the Art & Practice of Medicine, Case Western Reserve University School of Medicine, 1979

Syntex Scholar, 1987-1990
Established Investigator, American Heart Association, 1990 -1995
Bristol Myers Squibb Metabolism Freedom to Discover Research Grant, 2002-2007
Honorary Degree in Medicine, University of Ferrara, Ferrara, Italy, 2003
Heinrich Wieland Prize, 2005
Clinical Research Prize, American Heart Association, 2005
Distinguished Alumnus Award, Case Western Reserve University School of Medicine, 2006
Distinguished Scientist Award, American Heart Association, 2007
Glorney-Raisbeck Award, New York Academy of Medicine, 2007
International Society of Atherosclerosis Prize (Antonio M. Gotto, Jr. Prize), 2012
Pasarow Foundation Award in Cardiovascular Research, 2013
Pearl Meister Greengard Prize, Rockefeller University, 2015
Cartwright Prize, Columbia U., 2015
Breakthrough Prize in Life Sciences, 2016
Passano Award, Johns Hopkins University, 2016
Gill Award, Gill Heart Institute, 2016
Schottenstein Prize, Ohio State College of Medicine, 2017
Harrington Prize for Innovation in Medicine, American Society for Clinical Investigation & Harrington Discovery Institute, 2018
Foundation Lefoulon-Delalande Grand Prix Award, Paris, France, 2018
Gerald D. Auerbach Award for Outstanding Translational Research, Endocrine Society, 2019
Honorary Doctor of Science Degree, Ichan School of Medicine at Mount Sinai, 2019
Honorary Doctor of Humane Letters Degree, Johns Hopkins University, 2019
Anitschkow Prize, European Atherosclerosis Society, 2019

NAMED LECTURESHIPS:

Pincoffs Lecture, U. of Maryland School of Medicine, Baltimore, MD: December, 2000
DeWitt S. Goodman Lectureship in Nutrition and Preventive Medicine, College of Physicians & Surgeons of Columbia U., New York, NY: December, 2002
Howard Eder Memorial Lecture, Albert Einstein College of Medicine, New York, NY: April, 2004
Gill Lecture, Cardiovascular Series, U. of Kentucky, Lexington, KY: January, 2005
Heinrich Wieland Prize Lecture, Ludwig Maximillian U., Munich, GR: November, 2005
Glorney Raisbeck Award, New York Academy of Medicine, New York, NY: February, 2008
Richard Havel Lecture, 2008 Duell Conference, San Diego, CA: March, 2008
Fred Kern Lecturer, Aspen Lipid Conference, Aspen, CO: August, 2008
Irving Page Lecture, Cleveland Clinic, Cleveland, OH: November, 2008
Wu Distinguished Visiting Professor Lecture, College of Physicians & Surgeons of Columbia U., New York, NY: November, 2008
Mission Bay Lecture, University of California, San Francisco, CA: April, 2009
Edward Rubenstein Lecturer, Stanford U., Stanford, CA: January, 2009
Maclyn McCarty Lecture, Rockefeller Institute, New York City, NY: February, 2009
Paul Dudley White Lecture, Massachusetts General Hospital, Harvard U., Boston, MA: May, 2009
Shirley Johnson Memorial Plenary Lecture, International Society of Thrombosis & Hemostasis, Boston, MA: July, 2009

Arthur C. Guyton Distinguished Lectureship Award, Association of Chairs of Dept. of Physiology, Tucson, AZ: December, 2009
Karl Landsteiner Memorial Award and Lectureship, Austrian Academy of Science, Vienna, AT: April, 2010
Astute Clinician Lecture, National Institute of Health, Washington, DC: November, 2010
AHA Distinguished Scientist Lecture, Annual Meeting of American Heart Association, Chicago, IL: November, 2010
Dr. Charles S. Leiber Lecture, American Gastroenterological Association, Chicago, IL: May, 2011
William Sydney Thayer and Susan Read Thayer Lectureship in Clinical Medicine, Johns Hopkins University, Baltimore, MD: September, 2011
Oliver Smithies Distinguished Lecturer, U. of North Carolina, Chapel Hill, NC: November, 2011
Ruysch Lecture, Academic Medical Center, Amsterdam, Netherlands: January, 2013
Distinguished Biomedical Scholars Lecture, University of Iowa, Iowa City, IO: February, 2013
Louis F. Bishop Lecturer, American College of Cardiology, San Francisco, CA: March, 2013
Trefethen Seminar, University of California, San Francisco, CA: April, 2013
Visscher Symposium Keynote Lecture, University of Minnesota, MN: May, 2014
Burton E. Sobel Lecture, Washington U., St. Louis, MO: November, 2014
George Lyman Duff Memorial Lecture, American Heart Association: November, 2014
JLR Lectureship Award, Keynote Lecture, Keystone Meeting, Sante Fe, NM: January, 2015
Benning Society Lecture, U. of Utah: March, 2015
Harvey Society Lecture, Rockefeller U., New York City, NY: March, 2015
Levi J. Hammond Distinguished Memorial Lecture, U. of Penn., Philadelphia, PA: May, 2015
Cartwright Lecture, Columbia U., New York, NY: July, 2015
Bernadine Healy Lecture, Cleveland Clinic, Cleveland, OH: November, 2015
Passano Award Lecture, Johns Hopkins Medical Center, Baltimore, MD: April, 2016
Allan F. Moore Memorial Lecture, Massachusetts General Hospital, MA: March, 2017
President's Choice Lecture, American Association for the Study of Liver Disease, Washington, DC: October, 2017
Schottenstein Lecture, Ohio State U., November, 2017
Harlan G. Wood Memorial Lecture, Case Western Reserve University, April, 2018
Harrington Prize Lecture, American Society of Clinical Invest., Chicago, IL, April, 2018
Kober Lectureship, American Association of Physicians, Chicago, IL, April, 2018
John and Margaret Faulkner Lecture, U. of Michigan, Ann Arbor, MI, September, 2018
David Murdock-Dole Lecture, 24th Mayo-Karolinska, Rochester, MI, September, 2018
Bei Shizhang Lecture, Institute of Biophysics, Chinese Academy of Science, September, 2018
Daniel T. O'Connor Lecture, U. of California, San Diego, San Diego, CA, September, 2018
Vanderbilt Flexner Discovery Lecture Jan, 2019
Anderson Distinguished Lecture, U. of Virginia, Charlottesville, VA, February, 2019
The TNQ Distinguished Lectures in Life Sciences, India, February, 2019
The Konrad Bloch Lecture, Harvard University, Cambridge, MA, March, 2019
Anitschkow Lecture, European Atherosclerosis Society, 2019
Thomas D. Gelehrter Lecture, University of Michigan, Ann Arbor, MI, October, 2019
Carl Moore Lecture, Washington University, November, 2019

BOARD CERTIFICATION:
American Board of Internal Medicine, 1983
Subspecialty Certification, Endocrinology and Metabolism, 1986

ORGANIZATIONS (Current):
American Association for the Study of Liver Disease
American Society of Human Genetics
American Society for Biochemistry and Molecular Biology
Arteriosclerosis, Thrombosis and Vascular Disease Council of the American Heart Association

EDITORIAL BOARDS (Current):
Consulting Editor, Journal of Clinical Investigation, 1993-1996, 1997-present
Cell Metabolism, 2004-present
Board of Reviewing Editors, eLife, 2012-present

CORPORATE BOARDS (Current)
Pfizer, Inc., 2011-present

SCIENTIFIC ADVISOR
The Column Group: 2019-

COMMITTEE MEMBERSHIP (National & International):
Cardiovascular Disease Advisory Committee, NHLBI, 1990-1994
American Society for Clinical Investigation Council, 1992-1995
Vice-President, 1996-1997
Scientific Advisory Board of Stanley J. Sarnoff Endowment for Cardiovascular Science, Advisory Board, 1998-2002
President 2001-2002
Editor Selection Committee for Journal of Clinical Investigation, 2000, 2006, 2011, 2016
Mammalian Genetics Study Section, National Institute of Health, 2000
Culpeper Medical Scholar Advisory Board, 2004-2008
Life Sciences Institute Advisory Board, U. of Michigan, 2003-present
Doris Duke Charitable Foundation's Medical Research Scientific Advisory Council, 2004-2009
Chair, 2009-2016
Singapore Biomedical Sciences International Advisory Committee, 2006-2012
National Heart, Lung and Blood Advisory Council, National Institute of Health, 2006-2009
Advisory Council to the NIH Director, Working Group on Peer Review, 2007-2008
National Advisory Council of the Stanford School of Medicine, 2010-2012
Advisory Committee to the NIH Director: National Center for the Advancing Translational Sciences Working Group, 2010-2011
Richard Lounsbery Award Selection Committee, 2011
Advisory Committee to the Director, National Institute of Health, 2012- 2015
Jessie Stevenson Kovalenko Medal Selection Committee, National Academy of Sciences, 2012, 2015
Clinical Temporary Nominating Group, National Academy of Sciences, 2013-2015
Advisory Committee to Director: Chair, Laboratory-based Physician Scientist Workforce, 2013
Board of Directors, American Society of Human Genetics, 2012-2015
Class IV CMC, National Academy of Sciences, 2014-2016
Rosalind Franklin Award Selection Committee, 2015
International Temporary Nominating Group, National Academy of Sciences, 2016-present

Scientific Committee of the Louis-Jeantet Foundation, Geneva, Switzerland, 2010-present
Scientific Advisory Committee, LeDucq Foundation, 2013-2016, 2018-2019
Gruber Genetics Prize Selection Committee, 2014-2017
Chair, Gruber Genetics Prize Selection Committee, 2017-present
Trailblazer Prize Selection Committee, Foundation for the NIH, 2018

PATENTS:

Methods for Modulation of Lipid Uptake, U.S. Patent 5,925,333, issued July 20, 1999

Drug Screen for Identifying an Agent That Modulates Low Density Lipoprotein Receptor Adaptin-Ligand Binding, US Patent 6,465,196, issued Dec 15, 2002

ABCG8 Vectors, Host Cells, & Method of Making Antibodies, US Patent 6,821,750, issued Nov 23, 2004

A Common Allele on Chromosome 9 Associated with Coronary Heart Disease, US Pat No. 7,883,851, issued Feb 08, 2011

Genetic Variations in PNPLA3 Associated with Hepatic Steatosis, US Pat No. 8785128, issued July 22, 2014

PUBLICATIONS:

1. **Hobbs H.H.**, Lehrman M.A., Yamamoto T., Russell D.W. (1985) Polymorphism and evolution of Alu sequences in the human low density lipoprotein receptor gene. Proc. Natl. Acad. Sci. USA 82:7651-7655.
2. **Hobbs H.H.,** Brown M.S., Goldstein J.L., Russell D.W. (1986) Deletion of exon encoding cysteine-rich repeat of low density lipoprotein receptor alters its binding specificity in a subject with familial hypercholesterolemia. J. Biol. Chem. 261:13114-13120.
3. Russell D.W., **Hobbs H.H.,** Lehrman M.A. (1986) The LDL receptor gene: A DNA in transition. In Lerman, L. (ed.) Current Communications in Molecular Biology: Application of DNA Probes, Cold Spring Harbor Laboratory, New York, pp. 31-36.
4. Russell D.W., Lehrman M.A., Sudhof T.C., Yamamoto T., Davis C.G., **Hobbs H.H.,** Brown M.S., Goldstein J.L. (1986) The LDL receptor in familial hypercholesterolemia: use of human mutations to dissect a membrane protein. Cold Spring Harb. Symp. Quant. Biol. 51: 811-819.
5. **Hobbs H.H.,** Esser V., Russell D.W. (1987) AvaII polymorphism in human LDL receptor gene. Nucleic Acids Res. 15: 379.
6. Leitersdorf E., **Hobbs H.H.** (1987) Human LDL receptor gene: Two ApaLI RFLPs. Nucleic Acids Res. 15:2782.
7. **Hobbs H.H**., Brown M.S., Russell D.W., Davignon J., Goldstein J.L. (1987) Deletion in LDL receptor gene occurs in majority of French Canadians with familial hypercholesterolemia. N. Engl. J. Med. 317:734-737.
8. Leitersdorf E., **Hobbs H.H**. (1988) Human LDL receptor gene: HincII polymorphism detected by gene amplification. Nucleic Acids Res. 16:7215.
9. **Hobbs H.H**., Leitersdorf E., Goldstein J.L., Brown M.S., Russell D.W. (1988) Multiple crm- mutations in familial hypercholesterolemia: Evidence for 13 alleles, including four deletions. J. Clin. Invest. 81:909-917.

10. Leitersdorf E., **Hobbs H.H.,** Fourie A.H., Jacobs M., van der Westhuyzen D., Coetzee G.A. (1988) Deletion in the first cysteine-rich repeat of low density lipoprotein receptor impairs its transport but not lipoprotein binding in fibroblasts from a subject with familial hypercholesterolemia. Proc. Natl. Acad. Sci. USA 85:7912-7916.
11. Leitersdorf E., Chakravarti A., **Hobbs H.H.** (1989) Polymorphic DNA haplotypes at the LDL receptor locus. Am. J. Hum. Genet. 44:409-421.
12. Russell D.W., Esser V., **Hobbs H.H.** (1989) The molecular basis of familial hypercholesterolemia. Arteriosclerosis 9:8-13.
13. **Hobbs H.H.,** Leitersdorf E., Leffert C., Cryer D., Brown M.S., Goldstein J.L. (1989) Evidence for a dominant gene that suppresses hypercholesterolemia in a family with defective LDL receptors. J. Clin. Invest. 84:656-664.
14. Leitersdorf E., Van der Westhuyzen D. R., Coetzee G.A., **Hobbs H.H.** (1989) Two common LDL receptor gene mutations cause familial hypercholesterolemia in Afrikaners. J. Clin. Invest. 84:954-961.
15. Leitersdorf E., Tobin E.J., Davignon J., **Hobbs H.H.** (1990) Common low density lipoprotein receptor mutations in the French Canadian population. J. Clin. Invest. 85:1014-1023.
16. Zuliani G., **Hobbs H.H**. (1990) A high frequency of length polymorphisms in repeated sequences adjacent to Alu sequences. Am. J. Hum. Genet. 46:963-969.
17. Zuliani G., **Hobbs H.H.** (1990) EcoNI polymorphism in the human cholesteryl ester transfer protein (CETP) gene. Nucleic Acids Res. 18:2834.
18. Zuliani G., **Hobbs H.H.** (1990) Tetranucleotide repeat polymorphism in the apolipoprotein B gene. Nucleic Acids Res. 18:4299.
19. **Hobbs H.H**., Russell D.W., Brown M.S., Goldstein J.L. (1990) The LDL receptor locus in familial hypercholesterolemia: mutational analysis of a membrane protein. In Cambell, A., Baker, B.S., Jones, E.W. (eds.) Annu. Rev. Genet. 24:133-170.
20. Zuliani G., **Hobbs H.H.** (1990) Tetranucleotide repeat polymorphism in the apolipoprotein C-III gene. Nucleic Acids Res. 18:4299.
21. Zuliani G., **Hobbs H.H.** (1990) Dinucleotide repeat polymorphism at the 3' end of the LDL receptor gene. Nucleic Acids Res. 18:4300.
22. Zuliani G., **Hobbs H.H.** (1990) Tetranucleotide repeat polymorphism in the LPL. Nucleic Acids Res. 18:4958.
23. Vega G.L., **Hobbs H.H.,** Grundy S.M. (1991) Low density lipoprotein kinetics in a family having defective low density lipoprotein receptors in which hypercholesterolemia is suppressed. Arteriosclerosis 11:578-585.
24. Lackner C., Boerwinkle E., Leffert C.C., Rahmig T., **Hobbs H.H.** (1991) Molecular basis of apolipoprotein(a) isoform size heterogeneity as revealed by pulsed-field gel electrophoresis. J. Clin. Invest. 87:2153-2161.
25. Boerwinkle E., Leffert C.C., Lin J., Lackner C., Chiesa G., **Hobbs H.H.** (1992) Apolipoprotein(a) gene accounts for greater than 90% of the variation in plasma Lipoprotein(a) concentration. J. Clin. Invest. 90:52-60.
26. Cohen J.C., Cali J.J., Jelinek D.F., Mehrabian M., Sparkes R.S., Lusis A.J., Russell D.W., **Hobbs H.H.** (1992) Cloning of the human cholesterol 7α-hydroxylase gene (CYP7) and localization to chromosome 8q11-q12. Genomics 14:153-161.

27. Chiesa G., **Hobbs H.H.,** Koschinsky M.L., Lawn R.M., Maika S.D., Hammer R.E. (1992) Reconstitution of lipoprotein(a) by infusion of human LDL into transgenic mice expressing human apolipoprotein(a). J. Biol. Chem. 267:24369-24374.

28. **Hobbs H.H**., Brown M.S., Goldstein J.L. (1992) Molecular genetics of the LDL receptor gene in familial hypercholesterolemia. Hum. Mutat. 1:445-466.

29. Cohen J., Chiesa G., **Hobbs H.H.** (1993) Sequence polymorphisms in the apolipoprotein (a) gene: evidence for dissociation between apo(a) size and plasma lipoprotein(a) levels. J. Clin. Invest. 91:1630-1636.

30. Lackner C., Cohen J.C., **Hobbs H.H.** (1993) Molecular definition of the extreme size polymorphism in apolipoprotein(a). Hum. Mol. Genet. 2:933-940.

31. Moliterno D.J., Lange R.A., Meidell R.S., Willard J.E., Leffert C.C., Gerard R.D., Boerwinkle E., **Hobbs H.H.,** Hillis L.D. (1993) Relation of plasma lipoprotein(a) to infarct artery patency in survivors of myocardial infarction. Circulation 88:935-940.

32. Chiesa G., Johnson D.F., Yao Z., Innerarity T.L., Mahley W., Young S.G., Hammer R.H., **Hobbs H.H.** (1993) Expression of human apolipoprotein B100 in transgenic mice. Editing of human apoB100 mRNA. J. Biol. Chem. 268:23747-23750.

33. Linton M.F., Farese R.V., Jr., Chiesa G., Grass D.S., Chin P., Hammer R.E., **Hobbs H.H.,** Young S.G. (1993) Transgenic mice expressing high plasma concentrations of human apolipoprotein B100 and lipoprotein(a). J. Clin. Invest. 92:3029-3037.

34. Zuliani G., **Hobbs H.H.** (1994) Tetranucleotide length polymorphism 5' of the alpha-2 macroglobulin (A2MR)/LDL receptor related protein (LRP) gene. Hum. Mol. Genet. 3: 215.

35. **Hobbs H.H.,** Chiesa G., Gaw A., Lawn R., Maika S.D., Koschinsky M, Hammer R. (1994) Apo(a) expression in transgenic mice. In Fitzgerald, G.A., Jennings, L.K., Patrono, C. (eds.) Ann. N. Y. Acad. Sci. 714:231-236.

36. Jokinen V., Sakai J., Yamamoto T., **Hobbs H.H.** (1994) CGG triple repeat polymorphism in VLDL receptor (VLDL-R) gene. Hum. Mol. Genet. 3:521.

37. Gaw A., Boerwinkle E., Cohen J.C., **Hobbs H.H**. (1994) Comparative analysis of the apo(a) gene, apo(a) glycoprotein and plasma concentrations of Lp(a) in three ethnic groups. Evidence for no common "null" allele at the apo(a) locus. J. Clin. Invest. 93:2526-2534.

38. Rudel L.L., Newton R., Hamilton R. Jr. , Deckelbaum R.J., **Hobbs H.H.** (1994) 1993 Aspen Cholesterol/Bile Acid Conference: Diet and gene interactions in cholesterol metabolism. J. Lipid Res. 35:1122-1128.

39. McCormick S.P., Linton M.F., **Hobbs H.H.,** Taylor S., Curtis L.K., Young S. (1994) Expression of human apolipoprotein B90 in transgenic mice. Demonstration that apolipoprotein B90 lacks the structural requirements to form lipoprotein J. Biol. Chem. 269: 24284-24289.

40. Jokinen E.V., Landschulz K.T., Wyne K.L., Ho Y.K., Frykman P.K., **Hobbs H.H.** (1994) Regulation of the very low density lipoprotein receptor by thyroid hormone in rat skeletal muscle. J. Biol. Chem. 269:26411-26418.

41. **Hobbs H.H.,** Scott J. (1994) Genetics and molecular biology of lipid metabolism. Curr. Opin. Lipidol. 5:77-80.

42. Gaw A., **Hobbs H.H.** (1994) Molecular genetics of lipoprotein(a): new pieces to the puzzle. (1994) Curr. Opin. Lipidol. 5:149-155.

43. Hua X., Wu J., Goldstein J.L., Brown M.S., **Hobbs H.H**. (1995) Structure of human gene encoding sterol regulatory element binding protein-1 (SREBF1) and localization of SREBF1 and SREBF2 to chromosomes 17p11.2 and 22q13. Genomics 25:667-673.

44. Mooser V., Mancini F.P., Boop S., Pethö-Schramm A.P., Guerra R., Boerwinkle E., Mueller H.J., **Hobbs H.H.** (1995) Sequence polymorphisms in the apo(a) gene associated with specific levels of Lp(a) in plasma. Hum. Mol. Genet. 4:173-181.

45. Moliterno D.J., Jokinen E.V., Miserez A.R., Lange R.A., Willard J.E., Boerwinkle E., Hillis L.D., **Hobbs H.H**. (1995) No association between plasma lipoprotein(a) concentrations and the presence or absence of coronary atherosclerosis in African-Americans. Arterioscler. Thromb. Vasc. Biol. 15:850-855.

46. Scott J., **Hobbs H.H.** (1995) Genetics and molecular biology of lipid metabolism. Curr. Opin. Lipidol. 6:67-69.

47. Mancini F.P., Mooser V., Guerra R., **Hobbs H.H.** (1995) Sequence microheterogeneity in apolipoprotein(a) gene repeats and the relationship to plasma Lp(a) levels. Hum. Mol. Genet. 4:1535-1542.

48. Mancini F.P., Newland D.L., Mooser V., Murata J., Marcovina S., Young S.G., Hammer R.E., Sanan D.A., **Hobbs H.H.** (1995) Relative contributions of apolipoprotein(a) and apolipoprotein-B to the development of fatty lesions in the proximal aorta of mice. Arterioscler. Thromb. Vasc. Biol. 15:1911-1916.

49. Cohen J.C., Gaw A., Barnes R.I., Landschulz K.T., **Hobbs H.H.** (1996) Genetic factors that contribute to interindividual variations in plasma low density lipoprotein-cholesterol levels. Ciba Found. Symp. 197:194-206.

50. Mooser V., Seabra M.C., Abedin M., Landschulz K.T., Marcovina S., **Hobbs H.H.** (1996) Apolipoprotein(a) kringle 4-containing fragments in human urine. Relationship to plasma levels of lipoprotein(a). J. Clin. Invest. 97:858-864.

51. Wyne K.L., Pathak K., Seabra M.C., **Hobbs H.H.** (1996) Expression of the VLDL receptor in endothelial cells. Arterioscler. Thromb. Vasc. Biol. 16:407-415.

52. Acton S., Rigotti A., Landschulz K.T., Xu S., **Hobbs H.H.,** Krieger M. (1996) Identification of scavenger receptor SR-BI as a high density lipoprotein receptor. Science 271:518-520.

53. Marcovina S.M., **Hobbs H.H**., Albers J.J. (1996) Relation between number of apolipoprotein(a) kringle 4 repeats and mobility of isoforms in agarose gel: basic a standardized isoform nomenclature. Clin. Chem. 42:436-439.

54. Landschulz K.T., Pathak R.K., Rigotti A., Krieger M., **Hobbs H.H.** (1996) Regulation of scavenger receptor, Class B, Type 1, a high density lipoprotein receptor, in liver and steroidogenic tissues of the rat. J. Clin. Invest. 98:984-995.

55. Mooser V., Marcovina S.M., White A.L., **Hobbs H.H.** (1996) Kringle-containing fragments of apolipoprotein(a) circulate in human plasma and are excreted into the urine. J. Clin. Invest. 98:2414-2424.

56. Miserez A.R., Cao G., Probst L., **Hobbs H.H.** (1997) Structure of the human gene encoding sterol regulatory element binding protein 2 (SREBF2). Genomics 40:31-40.

57. Mooser V., Scheer D., Marcovina S.M., Wang J., Guerra R., Cohen J.C., **Hobbs H.H.** (1997) The apo(a) gene is the major determinant of variation in plasma Lp(a) levels in African-Americans. Am. J. Hum. Genet. 61:401-417.

58. Cao G., Garcia C.K., Wyne K.L., Schultz R.A., Parker K.L., **Hobbs H.H.** (1997) Structure and localization of the human gene encoding SR-BI/CLA1. Evidence for transcriptional control by steroidogenic factor 1. J. Biol. Chem. 272:33068-33076.

59. Mooser V., Marcovina S.M., Wang J., **Hobbs H.H.** (1997) High plasma levels of apo(a) fragments in Caucasians and African-Americans with end-stage renal disease: implications for plasma Lp(a) assay. Clin. Genet. 52:387-392.

60. Mooser V., **Hobbs H.H.** (1997) Lipoprotein(a) and growth hormone: is the puzzle solved? Eur. J. Endocrin. 137:450-452.

61. Sanan D.A., Newland D.L., Tao R., Marcovina S., Wang J., Mooser V., Hammer R.E., **Hobbs H.H.** (1998) Low density lipoprotein receptor-negative mice expressing human apolipoprotein B-100 develop complex atherosclerotic lesions on a chow diet: no accentuation by apolipoprotein(a). Proc. Natl. Acad. Sci. USA 95:4544-4549.

62. Spady D.K., Woollett L.A., Meidell R.S., **Hobbs H.H.** (1998) Kinetic characteristics and regulation of HDL cholesteryl ester and apoprotein transport in the Apo A-I-/- mouse. J. Lipid Res. 39:1483-1492.

63. Stangl H., Cao G., Wyne K.L., **Hobbs H.H.** (1998) Scavenger receptor, class B, type I-dependent stimulation of cholesteryl esterification by high density lipoproteins, low density lipoproteins and nonlipoprotein cholesterol. J. Biol. Chem. 273:31002-31008.

64. Acquati F., Hammer R., Ercoli B., Mooser V., Tao R., Rönicke V., Michalich A., Chiesa G., Taramelli R., **Hobbs H.H**., Müller H-J. (1999) Transgenic mice expressing a human apolipoprotein(a) allele. J. Lipid Res. 40:994-1006.

65. **Hobbs H.H**., Rader D.J. (1999) ABC1: connecting yellow tonsils, neuropathy and very low HDL. J. Clin. Invest. 104:1015-1017.

66. Ruixian T., Acquati F., Marcovina S.M., **Hobbs H.H.** (1999) Human growth hormone increases apo(a) expression in transgenic mice. Arterioscler. Thromb. Vasc. Biol. 19:2439-2447.

67. Spady D.K., Kearney D.M., **Hobbs H.H.** (1999) Polyunsaturated fatty acids upregulate hepatic scavenger receptor B1 (SR-BI) expression and HDL cholesteryl ester uptake in the hamster. J. Lipid Res. 40:1384-1394.

68. **Hobbs H.H.,** White A.L. (1999) Lp(a): intrigues and insights. Curr. Opin. Lipidol. 10:225-236.

69. Cao G., Zhao L., Stangl H., Hasegawa T., Richardson J.A., Parker K.L., **Hobbs H.H.** (1999) Developmental and hormonal regulation of murine scavenger receptor, class B, type 1. Mol. Endocrinol. 13:1460-1473.

70. Stangl H., Hyatt M., **Hobbs H.H.** (1999) Transport of lipids from high and low density lipoproteins via scavenger receptor-BI. J. Biol. Chem. 274:32692-32698.

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