Appendix: Solutions

PBS (phosphate-buffered saline)

1.06 mM KH_2PO_4, 155.17 mM NaCl, 2.97mM Na_2HPO_4-$7H_2O$ (pH 7.4)

DPBS (Dulbecco's phosphate-buffered saline)

1.06 mM KH_2PO_4, 155.17 mM NaCl, 2.97mM Na_2HPO_4-$7H_2O$, 0.9 mM $CaCl_2$, 0.49mM $MgCl_2$-$6H_2O$, 5.55 mM $C_6H_{12}O_6$, 1 mM NaN_3 (pH 7.4)

TBS (tris-buffered saline)

100 mM Tris-HCl, 150 mM NaCl (pH 7.4)

TBS for lipoprotein dialysis

10 mM Tris-HCl, 150 mM NaCl, 0.005% EDTA (w/v) (pH 7.0)

TAE (Tris-acetate-EDTA)

40 mM Tris-HCl, 20 mM acetic acid, 1 mM EDTA

Trypsin-EDTA

0.25% Trypsin (w/v), 0.53 mM EDTA-4Na

TNES (Tris-NaCl-EDTA-SDS)

10 mM Tris (pH 7.5), 400 mM NaCl, 100 mM EDTA, 0.6% SDS (w/v)

TE Buffer

10 mM Tris (pH 7.5), 1 mM EDTA

Tfb-1

30 mM CH_3COOK, 100 mM RbCl, 10mM $CaCl_2$-$2H_2O$, 50 mM $MnCl_2$-4H2O, 15% glycerol (v/v) (pH 5.8)

Tfb-2

10 mM MOPS, 75 mM $CaCl_2$, 10 mM RbCl, 15% glycerol (v/v) (pH 6.5)

P1 (resuspension buffer)

50 mM Tris-Cl (pH 8.0), 10 mM EDTA, 100 µg/ml RNase A (stored at 4°C)

P2 (lysis buffer)

200 mM NaOH, 1% SDS (w/v)

P3 (neutralization buffer)

3.0 M potassium acetate (pH 5.5)

Orange G Loading Buffer (6×)

0.35% Orange G sodium salt (w/v), 30% sucrose (w/v)

FACS wash buffer

PBS, 1% foetal bovine serum (FBS) (v/v), 10 mM NaN_3

Intracellular FACS wash buffer

DPBS, 1% foetal bovine serum (FBS) (v/v), 10 mM NaN_3

FACS fixative solution

PBS, 0.1% formalin (v/v), 111 mM D-glucose, 10 mM NaN_3

PBS-B/E

PBS, 0.5% bovine serum albumin (BSA) (w/v), 2mM EDTA

TNE buffer

25 mM Tris-Cl (pH 7.5), 150 mM NaCl, 5 mM EDTA

Hypotonic Lysis Buffer

5 mM Tris (pH 7.5), 1 mM $MgCl_2$, 1mM EGTA, 0.1 mM EDTA

MBS (Mes-buffered saline)

25 mM Mes (pH 6.5), 150 mM NaCl

PBS-C/M

PBS, 1 mM $MgCl_2$, 0.1 mM $CaCl_2$

SDS-PAGE sample buffer (2×)

250 mM Tris (pH 6.8), 4% SDS (w/v), 10% glycerol (v/v), 2% β-mercaptoethanol (v/v), 0.006% bromophenol blue (w/v)

SDS-PAGE sample buffer (5×) (or 'SDS reducing buffer')

62.5 mM Tris-HCl (pH 6.8), 10% glycerol (v/v), 2% SDS (w/v), 0.05% β-mercaptoethanol (v/v), 0.006% bromophenol blue (w/v)

GTS (SDS-PAGE running buffer)

192 mM glycine, 25 mM Tris, 0.1% SDS (w/v) (pH 8.3)

Western transfer buffer

25 mM Tris, 192 mM glycine, 20% methanol (v/v), pH 8.3

Hepes-buffered saline

0.85% NaCl (w/v), 10 mM Hepes-NaOH (pH 7.4)

Gill's haematoxylin

0.2% Haematoxylin (monohydrate) (w/v), 935μM NaIO4, 26.4 mM $Al_2(SO_4)_3$-$18H_2O$, 25% ethylene glycol (v/v), 2% glacial acetic acid (v/v)

Bibliography

Abumrad, N., Coburn, C. and Ibrahimi, A. (1999) *Biochim Biophys Acta,* **1441,** 4-13.

Abumrad, N., Harmon, C. and Ibrahimi, A. (1998) *J Lipid Res,* **39,** 2309-18.

Abumrad, N. A., el Maghrabi, M. R., Amri, E. Z., Lopez, E. and Grimaldi, P. A. (1993) *J Biol Chem,* **268,** 17665-8.

Abumrad, N. A., Forest, C. C., Regen, D. M. and Sanders, S. (1991) *Proc Natl Acad Sci U S A,* **88,** 6008-12.

Abumrad, N. A., Park, J. H. and Park, C. R. (1984) *J Biol Chem,* **259,** 8945-53.

Abumrad, N. A., Perkins, R. C., Park, J. H. and Park, C. R. (1981) *J Biol Chem,* **256,** 9183-91.

Acton, S., Rigotti, A., Landschulz, K. T., Xu, S., Hobbs, H. H. and Krieger, M. (1996) *Science,* **271,** 518-20.

Acton, S. L., Scherer, P. E., Lodish, H. F. and Krieger, M. (1994) *J Biol Chem,* **269,** 21003-9.

Aitman, T. J. (2001) *Lancet,* **357,** 651-2.

Aitman, T. J., Cooper, L. D., Norsworthy, P. J., Wahid, F. N., Gray, J. K., Curtis, B. R., McKeigue, P. M., Kwiatkowski, D., Greenwood, B. M., Snow, R. W., Hill, A. V. and Scott, J. (2000) *Nature,* **405,** 1015-6.

Aitman, T. J., Gotoda, T., Evans, A. L., Imrie, H., Heath, K. E., Trembling, P. M., Truman, H., Wallace, C. A., Rahman, A., Dore, C., Flint, J., Kren, V., Zidek, V., Kurtz, T. W., Pravenec, M. and Scott, J. (1997) *Nat Genet,* **16,** 197-201.

Alessio, M., Ghigo, D., Garbarino, G., Geuna, M. and Malavasi, F. (1991) *Cell Immunol,* **137,** 487-500.

Amri, E. Z., Bonino, F., Ailhaud, G., Abumrad, N. A. and Grimaldi, P. A. (1995) *J Biol Chem,* **270,** 2367-71.

Andersen, M., Lenhard, B., Whatling, C., Eriksson, P. and Odeberg, J. (2006) *BMC Mol Biol,* **7,** 8.

Anderson, R. G. (1998) *Annu Rev Biochem,* **67,** 199-225.

Asch, A. S., Barnwell, J., Silverstein, R. L. and Nachman, R. L. (1987) *J Clin Invest,* **79,** 1054-61.

Assmann, G. and Gotto, A. M., Jr. (2004) *Circulation,* **109,** III8-14.

Atshaves, B. P., Storey, S. M., Petrescu, A., Greenberg, C. C., Lyuksyutova, O. I., Smith, R., 3rd and Schroeder, F. (2002) *Am J Physiol Cell Physiol,* **283,** C688-703.

Azhar, S., Cooper, A., Tsai, L., Maffe, W. and Reaven, E. (1988) *J Lipid Res,* **29,** 869-82.

Azhar, S., Nomoto, A. and Reaven, E. (2002) *J Lipid Res,* **43,** 861-71.

Babitt, J., Trigatti, B., Rigotti, A., Smart, E. J., Anderson, R. G., Xu, S. and Krieger, M. (1997) *J Biol Chem,* **272,** 13242-9.

Balbis, A., Baquiran, G., Mounier, C. and Posner, B. I. (2004) *J Biol Chem,* **279,** 39348-57.

Bastie, C., Holst, D., Gaillard, D., Jehl-Pietri, C. and Grimaldi, P. A. (1999) *J Biol Chem,* **274,** 21920-5.

Bastie, C. C., Hajri, T., Drover, V. A., Grimaldi, P. A. and Abumrad, N. A. (2004) *Diabetes,* **53,** 2209-16.

Bastie, C. C., Nahle, Z., McLoughlin, T., Esser, K., Zhang, W., Unterman, T. and Abumrad, N. A. (2005) *J Biol Chem,* **280,** 14222-9.

Bezaire, V., Bruce, C. R., Heigenhauser, G. J., Tandon, N. N., Glatz, J. F., Luiken, J. J., Bonen, A. and Spriet, L. L. (2005) *Am J Physiol Endocrinol Metab*.

Binas, B., Danneberg, H., McWhir, J., Mullins, L. and Clark, A. J. (1999) *Faseb J,* **13,** 805-12.

Bist, A., Fielding, P. E. and Fielding, C. J. (1997) *Proc Natl Acad Sci U S A,* **94,** 10693-8.

Bonen, A., Campbell, S. E., Benton, C. R., Chabowski, A., Coort, S. L., Han, X. X., Koonen, D. P., Glatz, J. F. and Luiken, J. J. (2004) *Proc Nutr Soc,* **63,** 245-9.

Bonen, A., Dyck, D. J., Ibrahimi, A. and Abumrad, N. A. (1999) *Am J Physiol,* **276,** E642-9.

Bonen, A., Luiken, J. J., Arumugam, Y., Glatz, J. F. and Tandon, N. N. (2000) *J Biol Chem,* **275,** 14501-8.

Bonen, A., Luiken, J. J. and Glatz, J. F. (2002) *Mol Cell Biochem,* **239,** 181-92.

Bradbury, M. W. and Berk, P. D. (2000) *Biochem J,* **345 Pt 3,** 423-7.

Bradford, M. M. (1976) *Anal Biochem,* **72,** 248-54.

Brinkmann, J. F., Abumrad, N. A., Ibrahimi, A., van der Vusse, G. J. and Glatz, J. F. (2002) *Biochem J,* **367,** 561-70.

Brodeur, M. R., Luangrath, V., Bourret, G., Falstrault, L. and Brissette, L. (2005) *J Lipid Res,* **46,** 687-96.

Brown, D. A. and London, E. (1998) *Annu Rev Cell Dev Biol,* **14,** 111-36.

Brown, D. A. and Rose, J. K. (1992) *Cell,* **68,** 533-44.

Brown, M. S. and Goldstein, J. L. (1986) *Science,* **232,** 34-47.

Bull, H. A., Brickell, P. M. and Dowd, P. M. (1994) *FEBS Lett,* **351,** 41-4.

Burgos, P. V., Klattenhoff, C., de la Fuente, E., Rigotti, A. and Gonzalez, A. (2004) *Proc Natl Acad Sci U S A,* **101,** 3845-50.

Calvo, D., Gomez-Coronado, D., Lasuncion, M. A. and Vega, M. A. (1997) *Arterioscler Thromb Vasc Biol,* **17,** 2341-9.

Calvo, D., Gomez-Coronado, D., Suarez, Y., Lasuncion, M. A. and Vega, M. A. (1998) *J Lipid Res,* **39,** 777-88.

Calvo, D. and Vega, M. A. (1993) *J Biol Chem,* **268,** 18929-35.

Calvo, M. and Enrich, C. (2000) *Electrophoresis,* **21,** 3386-95.

Calvo, M., Tebar, F., Lopez-Iglesias, C. and Enrich, C. (2001) *Hepatology,* **33,** 1259-69.

Camarota, L. M., Chapman, J. M., Hui, D. Y. and Howles, P. N. (2004) *J Biol Chem,* **279,** 27599-606.

Campbell, S. E., Tandon, N. N., Woldegiorgis, G., Luiken, J. J., Glatz, J. F. and Bonen, A. (2004) *J Biol Chem,* **279,** 36235-41.

Cao, W. M., Murao, K., Imachi, H., Yu, X., Abe, H., Yamauchi, A., Niimi, M., Miyauchi, A., Wong, N. C. and Ishida, T. (2004) *Cancer Res,* **64,** 1515-21.

Capozza, F., Cohen, A. W., Cheung, M. W., Sotgia, F., Schubert, W., Battista, M., Lee, H., Frank, P. G. and Lisanti, M. P. (2005) *Am J Physiol Cell Physiol,* **288,** C677-91.

Cechetto, J. D., Sadacharan, S. K., Berk, P. D. and Gupta, R. S. (2002) *Histol Histopathol,* **17,** 353-64.

Chabowski, A., Coort, S. L., Calles-Escandon, J., Tandon, N. N., Glatz, J. F., Luiken, J. J. and Bonen, A. (2004) *Am J Physiol Endocrinol Metab,* **287,** E781-9.

Chabowski, A., Coort, S. L., Calles-Escandon, J., Tandon, N. N., Glatz, J. F., Luiken, J. J. and Bonen, A. (2005) *FEBS Lett,* **579,** 2428-32.

Chamberlain, L. H. (2004) *FEBS Lett,* **559,** 1-5.

Cheung, M. C. and Albers, J. J. (1984) *J Biol Chem,* **259,** 12201-9.

Choudhury, A., Marks, D. L., Proctor, K. M., Gould, G. W. and Pagano, R. E. (2006) *Nat Cell Biol,* **8,** 317-28.

Chroni, A., Nieland, T. J., Kypreos, K. E., Krieger, M. and Zannis, V. I. (2005) *Biochemistry,* **44,** 13132-43.

Clarke, D. C., Miskovic, D., Han, X. X., Calles-Escandon, J., Glatz, J. F., Luiken, J. J., Heikkila, J. J. and Bonen, A. (2004) *Physiol Genomics,* **17,** 31-7.

Clontech Laboratories (2005) *Tet-Off and Tet-On Gene Expression Systems User Manual*.

Coburn, C. T., Knapp, F. F., Jr., Febbraio, M., Beets, A. L., Silverstein, R. L. and Abumrad, N. A. (2000) *J Biol Chem,* **275,** 32523-9.

Coe, N. R., Smith, A. J., Frohnert, B. I., Watkins, P. A. and Bernlohr, D. A. (1999) *J Biol Chem,* **274,** 36300-4.

Cohen, A. W., Hnasko, R., Schubert, W. and Lisanti, M. P. (2004) *Physiol Rev,* **84,** 1341-79.

Collet, X., Tall, A. R., Serajuddin, H., Guendouzi, K., Royer, L., Oliveira, H., Barbaras, R., Jiang, X. C. and Francone, O. L. (1999) *J Lipid Res,* **40,** 1185-93.

Connelly, M. A., de la Llera-Moya, M., Monzo, P., Yancey, P. G., Drazul, D., Stoudt, G., Fournier, N., Klein, S. M., Rothblat, G. H. and Williams, D. L. (2001) *Biochemistry,* **40,** 5249-59.

Connelly, M. A., De La Llera-Moya, M., Peng, Y., Drazul-Schrader, D., Rothblat, G. H. and Williams, D. L. (2003a) *J Biol Chem,* **278,** 25773-82.

Connelly, M. A., Kellner-Weibel, G., Rothblat, G. H. and Williams, D. L. (2003b) *J Lipid Res,* **44,** 331-41.

Connelly, M. A., Klein, S. M., Azhar, S., Abumrad, N. A. and Williams, D. L. (1999) *J Biol Chem,* **274,** 41-7.

Cooper, A. D. (1997) *J Lipid Res,* **38,** 2173-92.

Coort, S. L., Hasselbaink, D. M., Koonen, D. P., Willems, J., Coumans, W. A., Chabowski, A., van der Vusse, G. J., Bonen, A., Glatz, J. F. and Luiken, J. J. (2004) *Diabetes,* **53,** 1655-63.

Coort, S. L., Willems, J., Coumans, W. A., van der Vusse, G. J., Bonen, A., Glatz, J. F. and Luiken, J. J. (2002) *Mol Cell Biochem,* **239,** 213-9.

de Beer, F. C., Connell, P. M., Yu, J., de Beer, M. C., Webb, N. R. and van der Westhuyzen, D. R. (2000) *J Lipid Res,* **41,** 1849-57.

de Beer, M. C., Castellani, L. W., Cai, L., Stromberg, A. J., de Beer, F. C. and van der Westhuyzen, D. R. (2004) *J Lipid Res,* **45,** 706-15.

de Beer, M. C., Durbin, D. M., Cai, L., Jonas, A., de Beer, F. C. and van der Westhuyzen, D. R. (2001a) *J Lipid Res,* **42,** 309-13.

de Beer, M. C., Durbin, D. M., Cai, L., Mirocha, N., Jonas, A., Webb, N. R., de Beer, F. C. and van Der Westhuyzen, D. R. (2001b) *J Biol Chem,* **276,** 15832-9.

de La Llera-Moya, M., Connelly, M. A., Drazul, D., Klein, S. M., Favari, E., Yancey, P. G., Williams, D. L. and Rothblat, G. H. (2001) *J Lipid Res,* **42,** 1969-78.

de la Llera-Moya, M., Rothblat, G. H., Connelly, M. A., Kellner-Weibel, G., Sakr, S. W., Phillips, M. C. and Williams, D. L. (1999) *J Lipid Res,* **40,** 575-80.

de Villiers, W. J., Cai, L., Webb, N. R., de Beer, M. C., van Der Westhuyzen, D. R. and de Beer, F. C. (2001) *J Lipid Res,* **42,** 1231-8.

Delamatre, J. G., Carter, R. M. and Hornick, C. A. (1993) *J Cell Physiol,* **157,** 164-8.

DeLamatre, J. G., Sarphie, T. G., Archibold, R. C. and Hornick, C. A. (1990) *J Lipid Res,* **31,** 191-202.

Doege, H., Baillie, R. A., Ortegon, A. M., Tsang, B., Wu, Q., Punreddy, S., Hirsch, D., Watson, N., Gimeno, R. E. and Stahl, A. (2006) *Gastroenterology,* **130,** 1245-58.

Dorahy, D. J., Lincz, L. F., Meldrum, C. J. and Burns, G. F. (1996) *Biochem J,* **319,** 67-72.

Drover, V. A., Ajmal, M., Nassir, F., Davidson, N. O., Nauli, A. M., Sahoo, D., Tso, P. and Abumrad, N. A. (2005) *J Clin Invest,* **115,** 1290-7.

Dunphy, J. T. and Linder, M. E. (1998) *Biochim Biophys Acta,* **1436,** 245-61.

Dupree, P., Parton, R. G., Raposo, G., Kurzchalia, T. V. and Simons, K. (1993) *Embo J,* **12,** 1597-605.

Dyck, D. J., Steinberg, G. and Bonen, A. (2001) *Am J Physiol Endocrinol Metab,* **281,** E600-7.

Eaton, C. B. (2005) *Prim Care,* **32,** 963-76, vii.

Ehehalt, R., Fullekrug, J., Pohl, J., Ring, A., Herrmann, T. and Stremmel, W. (2006) *Mol Cell Biochem,* **284,** 135-40.

Endemann, G., Stanton, L. W., Madden, K. S., Bryant, C. M., White, R. T. and Protter, A. A. (1993) *J Biol Chem,* **268,** 11811-6.

Eyre, N. S. (2002) *Honours Thesis (Discipline of Microbiology and Immunology, The University of Adelaide)*.

Fan, J. Y., Carpentier, J. L., van Obberghen, E., Grunfeld, C., Gorden, P. and Orci, L. (1983) *J Cell Sci,* **61,** 219-30.

Farmer, S. R. (2003) *Mol Cell,* **11,** 6-8.

Febbraio, M., Abumrad, N. A., Hajjar, D. P., Sharma, K., Cheng, W., Pearce, S. F. and Silverstein, R. L. (1999) *J Biol Chem,* **274,** 19055-62.

Febbraio, M., Guy, E., Coburn, C., Knapp, F. F., Jr., Beets, A. L., Abumrad, N. A. and Silverstein, R. L. (2002) *Mol Cell Biochem,* **239,** 193-7.

Febbraio, M., Hajjar, D. P. and Silverstein, R. L. (2001) *J Clin Invest,* **108,** 785-91.

Febbraio, M., Podrez, E. A., Smith, J. D., Hajjar, D. P., Hazen, S. L., Hoff, H. F., Sharma, K. and Silverstein, R. L. (2000) *J Clin Invest,* **105,** 1049-56.

Fielding, C. J., Bist, A. and Fielding, P. E. (1997) *Proc Natl Acad Sci U S A,* **94,** 3753-8.

Fielding, C. J. and Fielding, P. E. (1995a) *J Lipid Res,* **36,** 211-28.

Fielding, P. E. and Fielding, C. J. (1995b) *Biochemistry,* **34,** 14288-92.

Finck, B. N., Lehman, J. J., Leone, T. C., Welch, M. J., Bennett, M. J., Kovacs, A., Han, X., Gross, R. W., Kozak, R., Lopaschuk, G. D. and Kelly, D. P. (2002) *J Clin Invest,* **109,** 121-30.

Fitzsimmons, R. L., N.S. Eyre , G. Radisic, L.G. Cleland, M.J. Waters, and G Mayrhofer (2006) *Manuscript in preparation.*

Fluiter, K., van der Westhuijzen, D. R. and van Berkel, T. J. (1998) *J Biol Chem,* **273,** 8434-8.

Fournier, N., de la Llera Moya, M., Burkey, B. F., Swaney, J. B., Paterniti, J., Jr., Moatti, N., Atger, V. and Rothblat, G. H. (1996) *J Lipid Res,* **37,** 1704-11.

Fournier, N., Paul, J. L., Atger, V., Cogny, A., Soni, T., de la Llera-Moya, M., Rothblat, G. and Moatti, N. (1997) *Arterioscler Thromb Vasc Biol,* **17,** 2685-91.

Fra, A. M., Williamson, E., Simons, K. and Parton, R. G. (1995) *Proc Natl Acad Sci U S A,* **92,** 8655-9.

Franc, N. C., Dimarcq, J. L., Lagueux, M., Hoffmann, J., Ezekowitz, R. A., Webb, N. R., de Villiers, W. J., Connell, P. M., de Beer, F. C. and van der Westhuyzen, D. R. (1996) *Immunity,* **4,** 431-43.

Frank, P. G., Galbiati, F., Volonte, D., Razani, B., Cohen, D. E., Marcel, Y. L. and Lisanti, M. P. (2001a) *Am J Physiol Cell Physiol,* **280,** C1204-14.

Frank, P. G., Marcel, Y. L., Connelly, M. A., Lublin, D. M., Franklin, V., Williams, D. L. and Lisanti, M. P. (2002) *Biochemistry,* **41,** 11931-40.

Frank, P. G., Pedraza, A., Cohen, D. E. and Lisanti, M. P. (2001b) *Biochemistry,* **40,** 10892-900.

Galman, C., Angelin, B. and Rudling, M. (2002) *Endocrinology,* **143,** 1809-16.

Garcia-Martinez, C., Marotta, M., Moore-Carrasco, R., Guitart, M., Camps, M., Busquets, S., Montell, E. and Gomez-Foix, A. M. (2005) *Am J Physiol Cell Physiol,* **288,** C1264-72.

Gaster, M., Rustan, A. C. and Beck-Nielsen, H. (2005) *Diabetes,* **54,** 648-56.

Getz, G. S. (2005) *J Lipid Res,* **46,** 1-10.

Gimeno, R. E., Hirsch, D. J., Punreddy, S., Sun, Y., Ortegon, A. M., Wu, H., Daniels, T., Stricker-Krongrad, A., Lodish, H. F. and Stahl, A. (2003a) *J Biol Chem,* **278,** 49512-6.

Gimeno, R. E., Ortegon, A. M., Patel, S., Punreddy, S., Ge, P., Sun, Y., Lodish, H. F. and Stahl, A. (2003b) *J Biol Chem,* **278,** 16039-44.

Gkantiragas, I., Brugger, B., Stuven, E., Kaloyanova, D., Li, X. Y., Lohr, K., Lottspeich, F., Wieland, F. T. and Helms, J. B. (2001) *Mol Biol Cell,* **12,** 1819-33.

Glass, C., Pittman, R. C., Civen, M. and Steinberg, D. (1985) *J Biol Chem,* **260,** 744-50.

Glass, C., Pittman, R. C., Weinstein, D. B. and Steinberg, D. (1983) *Proc Natl Acad Sci U S A,* **80,** 5435-9.

Glomset, J. A. (1968) *J Lipid Res,* **9,** 155-67.

Goodyear, L. J., Hirshman, M. F. and Horton, E. S. (1991) *Am J Physiol,* **261,** E795-9.

Gossen, M. and Bujard, H. (1992) *Proc Natl Acad Sci U S A,* **89,** 5547-51.

Goti, D., Hrzenjak, A., Levak-Frank, S., Frank, S., van der Westhuyzen, D. R., Malle, E. and Sattler, W. (2001) *J Neurochem,* **76,** 498-508.

Gotoda, T., Iizuka, Y., Kato, N., Osuga, J., Bihoreau, M. T., Murakami, T., Yamori, Y., Shimano, H., Ishibashi, S. and Yamada, N. (1999) *Nat Genet,* **22,** 226-8.

Graf, G. A., Connell, P. M., van der Westhuyzen, D. R. and Smart, E. J. (1999) *J Biol Chem,* **274,** 12043-8.

Graf, G. A., Roswell, K. L. and Smart, E. J. (2001) *J Lipid Res,* **42,** 1444-9.

Greene, D. J., Skeggs, J. W. and Morton, R. E. (2001) *J Biol Chem,* **276,** 4804-11.

Greenwalt, D. E., Lipsky, R. H., Ockenhouse, C. F., Ikeda, H., Tandon, N. N. and Jamieson, G. A. (1992) *Blood,* **80,** 1105-1115.

Gruarin, P., Sitia, R. and Alessio, M. (1997) *Biochem J,* **328,** 635-42.

Gruarin, P., Thorne, R. F., Dorahy, D. J., Burns, G. F., Sitia, R. and Alessio, M. (2000) *Biochem Biophys Res Commun,* **275,** 446-54.

Gu, X., Kozarsky, K. and Krieger, M. (2000a) *J Biol Chem,* **275,** 29993-30001.

Gu, X., Lawrence, R. and Krieger, M. (2000b) *J Biol Chem,* **275,** 9120-30.

Gu, X., Trigatti, B., Xu, S., Acton, S., Babitt, J. and Krieger, M. (1998) *J Biol Chem,* **273,** 26338-48.

Guo, W., Huang, N., Cai, J., Xie, W. and Hamilton, J. A. (2006) *Am J Physiol Gastrointest Liver Physiol,* **290,** G528-34.

Hajri, T., Han, X. X., Bonen, A. and Abumrad, N. A. (2002) *J Clin Invest,* **109,** 1381-9.

Hajri, T., Ibrahimi, A., Coburn, C. T., Knapp, F. F., Jr., Kurtz, T., Pravenec, M. and Abumrad, N. A. (2001) *J Biol Chem,* **276,** 23661-6.

Hamilton, J. A., Johnson, R. A., Corkey, B. and Kamp, F. (2001) *J Mol Neurosci,* **16,** 99-108; discussion 151-7.

Hamilton, J. A. and Kamp, F. (1999) *Diabetes,* **48,** 2255-69.

Harder, T., Scheiffele, P., Verkade, P. and Simons, K. (1998) *J Cell Biol,* **141,** 929-42.

Harmon, C. M. and Abumrad, N. A. (1993) *J Membr Biol,* **133,** 43-9.

Hart, K., Wilcox, M. (1993) *J Mol Biol,* **234,** 249-53.

Heerklotz, H. (2002) *Biophys J,* **83,** 2693-701.

Helenius, A. and Aebi, M. (2004) *Annu Rev Biochem,* **73,** 1019-49.

Herrmann, T., van der Hoeven, F., Grone, H. J., Stewart, A. F., Langbein, L., Kaiser, I., Liebisch, G., Gosch, I., Buchkremer, F., Drobnik, W., Schmitz, G. and Stremmel, W. (2003) *J Cell Biol,* **161,** 1105-15.

Higgins, C. F. (1994) *Cell,* **79,** 393-5.

Hirano, K., Kuwasako, T., Nakagawa-Toyama, Y., Janabi, M., Yamashita, S. and Matsuzawa, Y. (2003) *Trends Cardiovasc Med,* **13,** 136-41.

Hobbs, S., Jitrapakdee, S. and Wallace, J. C. (1998) *Biochem Biophys Res Commun,* **252,** 368-72.

Hooper, N. M. (1999) *Mol Membr Biol,* **16,** 145-56.

Huang, M. M., Bolen, J. B., Barnwell, J. W., Shattil, S. J. and Brugge, J. S. (1991) *Proc Natl Acad Sci U S A,* **88,** 7844-8.

Hung, D. Y., Burczynski, F. J., Chang, P., Lewis, A., Masci, P. P., Siebert, G. A., Anissimov, Y. G. and Roberts, M. S. (2003) *Am J Physiol Gastrointest Liver Physiol,* **284,** G423-33.

Hurtley, S. M. and Helenius, A. (1989) *Annu Rev Cell Biol,* **5,** 277-307.

Ibrahimi, A., Bonen, A., Blinn, W. D., Hajri, T., Li, X., Zhong, K., Cameron, R. and Abumrad, N. A. (1999) *J Biol Chem,* **274,** 26761-6.

Ibrahimi, A., Sfeir, Z., Magharaie, H., Amri, E. Z., Grimaldi, P. and Abumrad, N. A. (1996) *Proc Natl Acad Sci U S A,* **93,** 2646-51.

Ikemoto, M., Arai, H., Feng, D., Tanaka, K., Aoki, J., Dohmae, N., Takio, K., Adachi, H., Tsujimoto, M. and Inoue, K. (2000) *Proc Natl Acad Sci U S A,* **97,** 6538-43.

Isola, L. M., Zhou, S. L., Kiang, C. L., Stump, D. D., Bradbury, M. W. and Berk, P. D. (1995) *Proc Natl Acad Sci U S A,* **92,** 9866-70.

Iwabuchi, K., Handa, K. and Hakomori, S. (1998) *J Biol Chem,* **273,** 33766-73.

Janabi, M., Yamashita, S., Hirano, K., Sakai, N., Hiraoka, H., Matsumoto, K., Zhang, Z., Nozaki, S. and Matsuzawa, Y. (2000) *Arterioscler Thromb Vasc Biol,* **20,** 1953-60.

Janes, P. W., Ley, S. C. and Magee, A. I. (1999) *J Cell Biol,* **147,** 447-61.

Jefferies, W. A., Brandon, M. R., Williams, A. F. and Hunt, S. V. (1985) *Immunology,* **54,** 333-41.

Ji, Y., Jian, B., Wang, N., Sun, Y., Moya, M. L., Phillips, M. C., Rothblat, G. H., Swaney, J. B. and Tall, A. R. (1997) *J Biol Chem,* **272,** 20982-5.

Ji, Y., Wang, N., Ramakrishnan, R., Sehayek, E., Huszar, D., Breslow, J. L. and Tall, A. R. (1999) *J Biol Chem,* **274,** 33398-402.

Jian, B., de la Llera-Moya, M., Ji, Y., Wang, N., Phillips, M. C., Swaney, J. B., Tall, A. R. and Rothblat, G. H. (1998) *J Biol Chem,* **273,** 5599-606.

Jian, B., de la Llera-Moya, M., Royer, L., Rothblat, G., Francone, O. and Swaney, J. B. (1997) *J Lipid Res,* **38,** 734-44.

Johnson, J. E. and Cornell, R. B. (1999) *Mol Membr Biol,* **16,** 217-35.

Kalipatnapu, S. and Chattopadhyay, A. (2004) *FEBS Lett,* **576,** 455-60.

Kalopissis, A. D., Pastier, D. and Chambaz, J. (2003) *Curr Opin Lipidol,* **14,** 165-72.

Kambouris, A. M., Roach, P. D., Calvert, G. D. and Nestel, P. J. (1990) *Arteriosclerosis,* **10,** 582-90.

Keizer, H. A., Schaart, G., Tandon, N. N., Glatz, J. F. and Luiken, J. J. (2004) *Histochem Cell Biol,* **121,** 101-7.

Kellner-Weibel, G., de La Llera-Moya, M., Connelly, M. A., Stoudt, G., Christian, A. E., Haynes, M. P., Williams, D. L. and Rothblat, G. H. (2000) *Biochemistry,* **39,** 221-9.

Khan, T. K., Yang, B., Thompson, N. L., Maekawa, S., Epand, R. M. and Jacobson, K. (2003) *Biochemistry,* **42,** 4780-6.

Kim, J. K., Gimeno, R. E., Higashimori, T., Kim, H. J., Choi, H., Punreddy, S., Mozell, R. L., Tan, G., Stricker-Krongrad, A., Hirsch, D. J., Fillmore, J. J., Liu, Z. X., Dong, J., Cline, G., Stahl, A., Lodish, H. F. and Shulman, G. I. (2004) *J Clin Invest,* **113,** 756-63.

Kleinfeld, A. M., Chu, P. and Storch, J. (1997) *Biochemistry,* **36,** 5702-11.

Kleinfeld, A. M., Storms, S. and Watts, M. (1998) *Biochemistry,* **37,** 8011-9.

Kocher, O., Yesilaltay, A., Cirovic, C., Pal, R., Rigotti, A. and Krieger, M. (2003) *J Biol Chem,* **278,** 52820-5.

Kolleck, I., Guthmann, F., Ladhoff, A. M., Tandon, N. N., Schlame, M. and Rustow, B. (2002) *Biochemistry,* **41,** 6369-75.

Koonen, D. P., Glatz, J. F., Bonen, A. and Luiken, J. J. (2005) *Biochim Biophys Acta,* **1736,** 163-80.

Koopman, R., Schaart, G. and Hesselink, M. K. (2001) *Histochem Cell Biol,* **116,** 63-8.

Kozarsky, K. F., Donahee, M. H., Rigotti, A., Iqbal, S. N., Edelman, E. R. and Krieger, M. (1997) *Nature,* **387,** 414-7.

Krieger, M. (1999) *Annu Rev Biochem,* **68,** 523-58.

Krieger, M. (2001) *J Clin Invest,* **108,** 793-7.

Kunjathoor, V. V., Febbraio, M., Podrez, E. A., Moore, K. J., Andersson, L., Koehn, S., Rhee, J. S., Silverstein, R., Hoff, H. F. and Freeman, M. W. (2002) *J Biol Chem,* **277,** 49982-8.

Kusunoki, J., Kanatani, A. and Moller, D. E. (2006) *Endocrine,* **29,** 91-100.

Kuwasako, T., Hirano, K., Sakai, N., Ishigami, M., Hiraoka, H., Yakub, M. J., Yamauchi-Takihara, K., Yamashita, S. and Matsuzawa, Y. (2003) *Diabetes Care,* **26,** 1647-8.

Lambert, G., Amar, M. J., Guo, G., Brewer, H. B., Jr., Gonzalez, F. J. and Sinal, C. J. (2003) *J Biol Chem,* **278,** 2563-70.

Lambert, G., Amar, M. J., Martin, P., Fruchart-Najib, J., Foger, B., Shamburek, R. D., Brewer, H. B., Jr. and Santamarina-Fojo, S. (2000) *J Lipid Res,* **41,** 667-72.

Lambert, G., Chase, M. B., Dugi, K., Bensadoun, A., Brewer, H. B., Jr. and Santamarina-Fojo, S. (1999) *J Lipid Res,* **40,** 1294-303.

Lan, D. and Silver, D. L. (2005) *J Biol Chem,* **280,** 23390-6.

Landschulz, K. T., Pathak, R. K., Rigotti, A., Krieger, M. and Hobbs, H. H. (1996) *J Clin Invest,* **98,** 984-95.

Langer, C., Gansz, B., Goepfert, C., Engel, T., Uehara, Y., von Dehn, G., Jansen, H., Assmann, G. and von Eckardstein, A. (2002) *Biochem Biophys Res Commun,* **296,** 1051-7.

Le, P. U. and Nabi, I. R. (2003) *J Cell Sci,* **116,** 1059-71.

Lee, H., Woodman, S. E., Engelman, J. A., Volonte, D., Galbiati, F., Kaufman, H. L., Lublin, D. M. and Lisanti, M. P. (2001) *J Biol Chem,* **276,** 35150-8.

Lee, Y. H., Chen, S. Y., Wiesner, R. J. and Huang, Y. F. (2004) *J Lipid Res,* **45,** 1162-7.

Leone, T. C., Weinheimer, C. J. and Kelly, D. P. (1999) *Proc Natl Acad Sci U S A,* **96,** 7473-8.

Lewandoski, M. (2001) *Nat Rev Genet,* **2,** 743-55.

Lewis, S. E., Listenberger, L. L., Ory, D. S. and Schaffer, J. E. (2001) *J Biol Chem,* **276,** 37042-50.

Li, A. C. and Glass, C. K. (2004) *J Lipid Res,* **45,** 2161-73.

Li, S., Song, K. S., Koh, S. S., Kikuchi, A. and Lisanti, M. P. (1996) *J Biol Chem,* **271,** 28647-54.

Li, X. A., Everson, W. V. and Smart, E. J. (2005) *Trends Cardiovasc Med,* **15,** 92-6.

Li, X. A., Guo, L., Asmis, R., Nikolova-Karakashian, M. and Smart, E. J. (2006) *Circ Res,* **98,** e60-5.

Liadaki, K. N., Liu, T., Xu, S., Ishida, B. Y., Duchateaux, P. N., Krieger, J. P., Kane, J., Krieger, M. and Zannis, V. I. (2000) *J Biol Chem,* **275,** 21262-71.

Lichtenberg, D., Goni, F. M. and Heerklotz, H. (2005) *Trends Biochem Sci,* **30,** 430-6.

Lipsky, R. H., Eckert, D. M., Tang, Y. and Ockenhouse, C. F. (1997) *Recept Signal Transduct,* **7,** 1-11.

Lisanti, M. P., Le Bivic, A., Sargiacomo, M. and Rodriguez-Boulan, E. (1989) *J Cell Biol,* **109,** 2117-27.

Lisanti, M. P., Scherer, P. E., Vidugiriene, J., Tang, Z., Hermanowski-Vosatka, A., Tu, Y. H., Cook, R. F. and Sargiacomo, M. (1994) *J Cell Biol,* **126,** 111-26.

Liu, B. and Krieger, M. (2002) *J Biol Chem,* **277,** 34125-35.

Liu, P., Rudick, M. and Anderson, R. G. (2002a) *J Biol Chem,* **277,** 41295-8.

Liu, T., Krieger, M., Kan, H. Y. and Zannis, V. I. (2002b) *J Biol Chem,* **277,** 21576-84.

Lucero, H. A. and Robbins, P. W. (2004) *Arch Biochem Biophys,* **426,** 208-24.

Luetterforst, R., Stang, E., Zorzi, N., Carozzi, A., Way, M. and Parton, R. G. (1999) *J Cell Biol,* **145,** 1443-59.

Luiken, J. J., Coort, S. L., Koonen, D. P., van der Horst, D. J., Bonen, A., Zorzano, A. and Glatz, J. F. (2004a) *Pflugers Arch,* **448,** 1-15.

Luiken, J. J., Coort, S. L., Willems, J., Coumans, W. A., Bonen, A. and Glatz, J. F. (2004b) *Mol Pharmacol,* **65,** 639-45.

Luiken, J. J., Dyck, D. J., Han, X. X., Tandon, N. N., Arumugam, Y., Glatz, J. F. and Bonen, A. (2002a) *Am J Physiol Endocrinol Metab,* **282,** E491-5.

Luiken, J. J., Koonen, D. P., Willems, J., Zorzano, A., Becker, C., Fischer, Y., Tandon, N. N., Van Der Vusse, G. J., Bonen, A. and Glatz, J. F. (2002b) *Diabetes,* **51,** 3113-9.

Luiken, J. J., Turcotte, L. P. and Bonen, A. (1999a) *J Lipid Res,* **40,** 1007-16.

Luiken, J. J. F. P., Turcotte, L. P. and Bonen, A. (1999b) *J. Lipid Res.,* **40,** 1007-1016.

Luxon, B. A., Holly, D. C., Milliano, M. T. and Weisiger, R. A. (1998) *Am J Physiol (Gastrointest Liver Physiol),* **274,** G52-G61.

Maeno, Y., Fujioka, H., Hollingdale, M. R., Ockenhouse, C. F., Nakazawa, S. and Aikawa, M. (1994) *Exp Parasitol,* **79,** 383-90.

Mahadevan, S. and Sauer, F. (1974) *Arch Biochem Biophys,* **164,** 185-93.

Malaud, E., Hourton, D., Giroux, L. M., Ninio, E., Buckland, R. and McGregor, J. L. (2002) *Biochem J,* **364,** 507-15.

Malerod, L., Juvet, K., Gjoen, T. and Berg, T. (2002) *Cell Tissue Res,* **307,** 173-80.

Mardones, P., Pilon, A., Bouly, M., Duran, D., Nishimoto, T., Arai, H., Kozarsky, K. F., Altayo, M., Miquel, J. F., Luc, G., Clavey, V., Staels, B. and Rigotti, A. (2003) *J Biol Chem,* **278,** 7884-90.

Mardones, P., Quinones, V., Amigo, L., Moreno, M., Miquel, J. F., Schwarz, M., Miettinen, H. E., Trigatti, B., Krieger, M., VanPatten, S., Cohen, D. E. and Rigotti, A. (2001) *J Lipid Res,* **42,** 170-80.

Mardones, P., Strobel, P., Miranda, S., Leighton, F., Quinones, V., Amigo, L., Rozowski, J., Krieger, M. and Rigotti, A. (2002) *J Nutr,* **132,** 443-9.

Martin, G., Schoonjans, K., Lefebvre, A. M., Staels, B. and Auwerx, J. (1997) *J Biol Chem,* **272,** 28210-7.

Mashek, D. G., Bornfeldt, K. E., Coleman, R. A., Berger, J., Bernlohr, D. A., Black, P., DiRusso, C. C., Farber, S. A., Guo, W., Hashimoto, N., Khodiyar, V., Kuypers, F. A., Maltais, L. J., Nebert, D. W., Renieri, A., Schaffer, J. E., Stahl, A., Watkins, P. A., Vasiliou, V. and Yamamoto, T. T. (2004) *J Lipid Res,* **45,** 1958-61.

Mashek, D. G., Li, L. O. and Coleman, R. A. (2006a) *J Lipid Res*.

Mashek, D. G., McKenzie, M. A., Van Horn, C. G. and Coleman, R. A. (2006b) *J Biol Chem,* **281,** 945-50.

Matveev, S., Uittenbogaard, A., van Der Westhuyzen, D. and Smart, E. J. (2001) *Eur J Biochem,* **268,** 5609-16.

Matveev, S., van der Westhuyzen, D. R. and Smart, E. J. (1999) *J Lipid Res,* **40,** 1647-54.

Mazzone, A., Tietz, P., Jefferson, J., Pagano, R. and LaRusso, N. F. (2006) *Hepatology,* **43,** 287-96.

McCabe, J. B. and Berthiaume, L. G. (1999) *Mol Biol Cell,* **10,** 3771-86.

McCabe, J. B. and Berthiaume, L. G. (2001) *Mol Biol Cell,* **12,** 3601-17.

Memon, R. A., Feingold, K. R., Moser, A. H., Fuller, J. and Grunfeld, C. (1998) *Am J Physiol,* **274,** E210-7.

Meshulam, T., Simard, J. R., Wharton, J., Hamilton, J. A. and Pilch, P. F. (2006) *Biochemistry,* **45,** 2882-93.

Miller, G. J. and Miller, N. E. (1975) *Lancet,* **1,** 16-9.

Miyaoka, K., Kuwasako, T., Hirano, K., Nozaki, S., Yamashita, S. and Matsuzawa, Y. (2001a) *Lancet,* **357,** 686-7.

Miyaoka, K., Kuwasako, T., Hirano, K., Nozaki, S., Yamashita, S. and Matsuzawa, Y. (2001b) *Lancet,* **357,** 686-7.

Moffett, S., Brown, D. A. and Linder, M. E. (2000) *J Biol Chem,* **275,** 2191-8.

Motojima, K., Passilly, P., Peters, J. M., Gonzalez, F. J. and Latruffe, N. (1998) *J Biol Chem,* **273,** 16710-4.

Munro, S. (2003) *Cell,* **115,** 377-88.

Murata, M., Peranen, J., Schreiner, R., Wieland, F., Kurzchalia, T. V. and Simons, K. (1995) *Proc Natl Acad Sci U S A,* **92,** 10339-43.

Nabi, I. R. and Le, P. U. (2003) *J Cell Biol,* **161,** 673-7.

Nicholson, A. C. (2004) *Trends Cardiovasc Med,* **14,** 8-12.

Nicholson, A. C., Frieda, S., Pearce, A. and Silverstein, R. L. (1995) *Arterioscler Thromb Vasc Biol,* **15,** 269-75.

Nicholson, A. C. and Hajjar, D. P. (2004) *Vascul Pharmacol,* **41,** 139-46.

Noy, N., Donnelly, T. M. and Zakim, D. (1986) *Biochemistry,* **25,** 2013-21.

Nozaki, S., Tanaka, T., Yamashita, S., Sohmiya, K., Yoshizumi, T., Okamoto, F., Kitaura, Y., Kotake, C., Nishida, H., Nakata, A., Nakagawa, T., Matsumoto, K., Kameda-Takemura, K., Tadokoro, S., Kurata, Y., Tomiyama, Y., Kawamura, K. and Matsuzawa, Y. (1999) *Mol Cell Biochem,* **192,** 129-35.

Ockner, R. K., Burnett, D. A., Lysenko, N. and Manning, J. A. (1979) *J. Clin. Invest.,* **64,** 172-181.

Ogi, M., Yokomori, H., Oda, M., Yoshimura, K., Nomura, M., Ohshima, S., Akita, M., Toda, K. and Ishii, H. (2003) *Med Electron Microsc,* **36,** 33-40.

Oquendo, P., Hundt, E., Lawler, J. and Seed, B. (1989) *Cell,* **58,** 95-101.

Out, R., Hoekstra, M., de Jager, S. C., de Vos, P., van der Westhuyzen, D. R., Webb, N. R., Van Eck, M., Biessen, E. A. and Van Berkel, T. J. (2005) *J Lipid Res,* **46,** 1172-81.

Out, R., Hoekstra, M., Spijkers, J. A., Kruijt, J. K., van Eck, M., Bos, I. S., Twisk, J. and Van Berkel, T. J. (2004a) *J Lipid Res,* **45,** 2088-95.

Out, R., Kruijt, J. K., Rensen, P. C., Hildebrand, R. B., de Vos, P., Van Eck, M. and Van Berkel, T. J. (2004b) *J Biol Chem,* **279,** 18401-6.

Parathath, S., Sahoo, D., Darlington, Y. F., Peng, Y., Collins, H. L., Rothblat, G. H., Williams, D. L. and Connelly, M. A. (2004) *J Biol Chem,* **279,** 24976-85.

Parpal, S., Karlsson, M., Thorn, H. and Stralfors, P. (2001) *J Biol Chem,* **276,** 9670-8.

Parton, R. G. (1994) *J Histochem Cytochem,* **42,** 155-66.

Parton, R. G., Hanzal-Bayer, M. and Hancock, J. F. (2006) *J Cell Sci,* **119,** 787-96.

Parton, R. G. and Simons, K. (1995) *Science,* **269,** 1398-9.

Pascot, A., Lemieux, I., Bergeron, J., Tremblay, A., Nadeau, A., Prud'homme, D., Couillard, C., Lamarche, B. and Despres, J. P. (2002) *Atherosclerosis,* **160,** 399-406.

Pearce, S. F., Wu, J. and Silverstein, R. L. (1994) *Blood,* **84,** 384-9.

Pelkmans, L., Kartenbeck, J. and Helenius, A. (2001) *Nat Cell Biol,* **3,** 473-83.

Peng, Y., Akmentin, W., Connelly, M. A., Lund-Katz, S., Phillips, M. C. and Williams, D. L. (2004) *Mol Biol Cell,* **15,** 384-96.

Pfeifer, A. (2004) *Transgenic Res,* **13,** 513-22.

Phillips, M. C., Johnson, W. J. and Rothblat, G. H. (1987) *Biochim Biophys Acta,* **906,** 223-76.

Pilon, A., Briand, O., Lestavel, S., Copin, C., Majd, Z., Fruchart, J. C., Castro, G. and Clavey, V. (2000) *Arterioscler Thromb Vasc Biol,* **20,** 1074-81.

Pitas, R. E., Innerarity, T. L., Weinstein, J. N. and Mahley, R. W. (1981) *Arteriosclerosis,* **1,** 177-85.

Pittman, R. C., Knecht, T. P., Rosenbaum, M. S. and Taylor, C. A., Jr. (1987) *J Biol Chem,* **262,** 2443-50.

Podrez, E. A., Febbraio, M., Sheibani, N., Schmitt, D., Silverstein, R. L., Hajjar, D. P., Cohen, P. A., Frazier, W. A., Hoff, H. F. and Hazen, S. L. (2000) *J Clin Invest,* **105,** 1095-108.

Pohl, J., Ring, A., Ehehalt, R., Schulze-Bergkamen, H., Schad, A., Verkade, P. and Stremmel, W. (2004) *Biochemistry,* **43,** 4179-87.

Pohl, J., Ring, A., Korkmaz, U., Ehehalt, R. and Stremmel, W. (2005) *Mol Biol Cell,* **16,** 24-31.

Pohl, J., Ring, A. and Stremmel, W. (2002) *J Lipid Res,* **43,** 1390-9.

Poirier, H., Degrace, P., Niot, I., Bernard, A. and Besnard, P. (1996) *Eur J Biochem,* **238,** 368-73.

Potter, B. J., Stump, D., Schwieterman, W., Sorrentino, D., Jacobs, L. N., Kiang, C. L., Rand, J. H. and Berk, P. D. (1987) *Biochem Biophys Res Commun,* **148,** 1370-6.

Pratico, D., Tangirala, R. K., Rader, D. J., Rokach, J. and FitzGerald, G. A. (1998) *Nat Med,* **4,** 1189-92.

Pravenec, M., Landa, V., Zidek, V., Musilova, A., Kren, V., Kazdova, L., Aitman, T. J., Glazier, A. M., Ibrahimi, A., Abumrad, N. A., Qi, N., Wang, J. M., St Lezin, E. M. and Kurtz, T. W. (2001) *Nat Genet,* **27,** 156-8.

Pravenec, M., Zidek, V., Simakova, M., Kren, V., Krenova, D., Horky, K., Jachymova, M., Mikova, B., Kazdova, L., Aitman, T. J., Churchill, P. C., Webb, R. C., Hingarh, N. H., Yang, Y., Wang, J. M., Lezin, E. M. and Kurtz, T. W. (1999) *J Clin Invest,* **103,** 1651-7.

Primo, L., Ferrandi, C., Roca, C., Marchio, S., di Blasio, L., Alessio, M. and Bussolino, F. (2005) *Faseb J,* **19,** 1713-5.

Prip-Buus, C., Bouthillier-Voisin, A. C., Kohl, C., Demaugre, F., Girard, J. and Pegorier, J. P. (1992) *Eur J Biochem,* **209,** 291-8.

Raben, N., Lu, N., Nagaraju, K., Rivera, Y., Lee, A., Yan, B., Byrne, B., Meikle, P. J., Umapathysivam, K., Hopwood, J. J. and Plotz, P. H. (2001) *Hum Mol Genet,* **10,** 2039-47.

Radeva, G., Perabo, J. and Sharom, F. J. (2005) *Febs J,* **272,** 4924-37.

Rajaraman, G., Roberts, M. S., Hung, D., Wang, G. Q. and Burczynski, F. J. (2005) *Pharm Res,* **22,** 1793-804.

Rajendran, L. and Simons, K. (2005) *J Cell Sci,* **118,** 1099-102.

Reaven, E., Cortez, Y., Leers-Sucheta, S., Nomoto, A. and Azhar, S. (2004) *J Lipid Res,* **45,** 513-28.

Reaven, E., Leers-Sucheta, S., Nomoto, A. and Azhar, S. (2001) *Proc Natl Acad Sci U S A,* **98,** 1613-8.

Reaven, E., Nomoto, A., Leers-Sucheta, S., Temel, R., Williams, D. L. and Azhar, S. (1998) *Endocrinology,* **139,** 2847-56.

Reaven, E., Zhan, L., Nomoto, A., Leers-Sucheta, S. and Azhar, S. (2000) *J Lipid Res,* **41,** 343-56.

Ren, Y., Silverstein, R. L., Allen, J. and Savill, J. (1995) *J Exp Med,* **181,** 1857-62.

Rennel, E. and Gerwins, P. (2002) *Anal Biochem,* **309,** 79-84.

Resh, M. D. (1999) *Biochim Biophys Acta,* **1451,** 1-16.

Rhainds, D., Bourgeois, P., Bourret, G., Huard, K., Falstrault, L. and Brissette, L. (2004) *J Cell Sci,* **117,** 3095-105.

Rhainds, D. and Brissette, L. (2004) *Int J Biochem Cell Biol,* **36,** 39-77.

Rhainds, D., Brodeur, M., Lapointe, J., Charpentier, D., Falstrault, L. and Brissette, L. (2003) *Biochemistry,* **42,** 7527-38.

Richards, M. R., Harp, J. D., Ory, D. S. and Schaffer, J. E. (2006) *J Lipid Res,* **47,** 665-72.

Rigotti, A., Acton, S. L. and Krieger, M. (1995) *Journal of Biological Chemistry,* **270,** 16221-16224.

Rigotti, A., Miettinen, H. E. and Krieger, M. (2003) *Endocr Rev,* **24,** 357-87.

Rigotti, A., Trigatti, B., Babitt, J., Penman, M., Xu, S. and Krieger, M. (1997a) *Curr Opin Lipidol,* **8,** 181-8.

Rigotti, A., Trigatti, B. L., Penman, M., Rayburn, H., Herz, J. and Krieger, M. (1997b) *Proc Natl Acad Sci U S A,* **94,** 12610-5.

Ring, A., Le Lay, S., Pohl, J., Verkade, P. and Stremmel, W. (2006) *Biochim Biophys Acta,* **1761,** 416-23.

Rinninger, F., Brundert, M., Budzinski, R. M., Fruchart, J. C., Greten, H. and Castro, G. R. (2003) *Atherosclerosis,* **166,** 31-40.

Rinninger, F., Brundert, M., Jackle, S., Kaiser, T. and Greten, H. (1995) *Biochim Biophys Acta,* **1255,** 141-53.

Rinninger, F., Jaeckle, S., Greten, H. and Windler, E. (1993) *Biochim Biophys Acta,* **1166,** 284-99.

Rinninger, F., Kaiser, T., Mann, W. A., Meyer, N., Greten, H. and Beisiegel, U. (1998) *J Lipid Res,* **39,** 1335-48.

Ritsch, A., Tancevski, I., Schgoer, W., Pfeifhofer, C., Gander, R., Eller, P., Foeger, B., Stanzl, U. and Patsch, J. R. (2004) *J Lipid Res,* **45,** 214-22.

Roche Applied Science (2000).

Rodrigueza, W. V., Thuahnai, S. T., Temel, R. E., Lund-Katz, S., Phillips, M. C. and Williams, D. L. (1999) *J Biol Chem,* **274,** 20344-50.

Rothberg, K. G., Heuser, J. E., Donzell, W. C., Ying, Y. S., Glenney, J. R. and Anderson, R. G. (1992) *Cell,* **68,** 673-82.

Roy, D., Johannsson, E., Bonen, A. and Marette, A. (1997) *Am J Physiol,* **273,** E688-94.

Roy, S., Luetterforst, R., Harding, A., Apolloni, A., Etheridge, M., Stang, E., Rolls, B., Hancock, J. F. and Parton, R. G. (1999) *Nat Cell Biol,* **1,** 98-105.

Ruan, H. and Pownall, H. J. (2001) *Diabetes,* **50,** 233-40.

Ryeom, S. W., Silverstein, R. L., Scotto, A. and Sparrow, J. R. (1996) *J Biol Chem,* **271,** 20536-9.

Sato, O., Kuriki, C., Fukui, Y. and Motojima, K. (2002) *J Biol Chem,* **277,** 15703-11.

Schaap, F. G., Binas, B., Danneberg, H., van der Vusse, G. J. and Glatz, J. F. (1999) *Circ Res,* **85,** 329-37.

Schaffer, J. E. (2002) *Am J Physiol Endocrinol Metab,* **282,** E239-46.

Schaffer, J. E. and Lodish, H. F. (1994) *Cell,* **79,** 427-36.

Scherer, P. E., Lisanti, M. P., Baldini, G., Sargiacomo, M., Mastick, C. C. and Lodish, H. F. (1994) *J Cell Biol,* **127,** 1233-43.

Scherer, P. E., Tang, Z., Chun, M., Sargiacomo, M., Lodish, H. F. and Lisanti, M. P. (1995) *J Biol Chem,* **270,** 16395-401.

Schmider, W., Fahr, A., Blum, H. E. and Kurz, G. (2000) *J Lipid Res,* **41,** 775-87.

Schuck, S., Honsho, M., Ekroos, K., Shevchenko, A. and Simons, K. (2003) *Proc Natl Acad Sci U S A,* **100,** 5795-800.

Sefton, B. M. and Buss, J. E. (1987) *J Cell Biol,* **104,** 1449-53.

Sehayek, E., Ono, J. G., Shefer, S., Nguyen, L. B., Wang, N., Batta, A. K., Salen, G., Smith, J. D., Tall, A. R. and Breslow, J. L. (1998) *Proc Natl Acad Sci U S A,* **95,** 10194-9.

Sfeir, Z., Ibrahimi, A., Amri, E., Grimaldi, P. and Abumrad, N. (1997) *Prostaglandins Leukot Essent Fatty Acids,* **57,** 17-21.

Shi, X. Y., Azhar, S. and Reaven, E. (1992) *Biochemistry,* **31,** 3230-6.

Shimada, A., Tamai, T., Oida, K., Takahashi, S., Suzuki, J., Nakai, T. and Miyabo, S. (1994) *Biochim Biophys Acta,* **1215,** 126-32.

Silver, D. L. (2002) *J Biol Chem,* **277,** 34042-7.

Silver, D. L. (2004) *Rev Endocr Metab Disord,* **5,** 327-33.

Silver, D. L., Wang, N. and Vogel, S. (2003) *J Biol Chem,* **278,** 28528-32.

Silver, D. L., Wang, N., Xiao, X. and Tall, A. R. (2001) *J Biol Chem,* **276,** 25287-93.

Simons, K. and Ikonen, E. (1997) *Nature,* **387,** 569-72.

Singer, S. J. and Nicolson, G. L. (1972) *Science,* **175,** 720-31.

Smart, E. J., Graf, G. A., McNiven, M. A., Sessa, W. C., Engelman, J. A., Scherer, P. E., Okamoto, T. and Lisanti, M. P. (1999) *Mol Cell Biol,* **19,** 7289-304.

Sotgia, F., Razani, B., Bonuccelli, G., Schubert, W., Battista, M., Lee, H., Capozza, F., Schubert, A. L., Minetti, C., Buckley, J. T. and Lisanti, M. P. (2002) *Mol Cell Biol,* **22,** 3905-26.

Souto, R. P., Vallega, G., Wharton, J., Vinten, J., Tranum-Jensen, J. and Pilch, P. F. (2003) *J Biol Chem,* **278,** 18321-9.

Spady, D. K., Kearney, D. M. and Hobbs, H. H. (1999) *J Lipid Res,* **40,** 1384-94.

Sparrow, C. P. and Pittman, R. C. (1990) *Biochim Biophys Acta,* **1043,** 203-10.

Sprenger, R. R., Fontijn, R. D., van Marle, J., Pannekoek, H. and Horrevoets, A. J. (2006) *Biochem J.*

Stahl, A. (2004) *Pflugers Arch,* **447,** 722-7.

Stahl, A., Evans, J. G., Pattel, S., Hirsch, D. and Lodish, H. F. (2002) *Dev Cell,* **2,** 477-88.

Stahl, A., Gimeno, R. E., Tartaglia, L. A. and Lodish, H. F. (2001) *Trends Endocrinol Metab,* **12,** 266-73.

Stahlberg, N., Rico-Bautista, E., Fisher, R. M., Wu, X., Cheung, L., Flores-Morales, A., Tybring, G., Norstedt, G. and Tollet-Egnell, P. (2004) *Endocrinology,* **145,** 1972-9.

Stangl, H., Graf, G. A., Yu, L., Cao, G. and Wyne, K. (2002) *J Endocrinol,* **175,** 663-72.

Stangl, H., Hyatt, M. and Hobbs, H. H. (1999) *J Biol Chem,* **274,** 32692-8.

Stremmel, W., Lotz, G., Strohmeyer, G. and Berk, P. D. (1985a) *J Clin Invest,* **75,** 1068-76.

Stremmel, W., Strohmeyer, G. and Berk, P. D. (1986) *Proc Natl Acad Sci U S A,* **83,** 3584-8.

Stremmel, W., Strohmeyer, G., Borchand, F., Kochwa, S. and Berk, P. D. (1985b) *Proc Natl Acad Sci U S A,* **82,** 4-8.

Stuart, L. M., Deng, J., Silver, J. M., Takahashi, K., Tseng, A. A., Hennessy, E. J., Ezekowitz, R. A. and Moore, K. J. (2005) *J Cell Biol,* **170,** 477-85.

Stuhlsatz-Krouper, S. M., Bennett, N. E. and Schaffer, J. E. (1998) *J Biol Chem,* **273,** 28642-50.

Stuhlsatz-Krouper, S. M., Bennett, N. E. and Schaffer, J. E. (1999) *Prostaglandins Leukot Essent Fatty Acids,* **60,** 285-9.

Stump, D. D., Zhou, S. L. and Berk, P. D. (1993) *Am J Physiol,* **265,** G894-902.

Suzuki, H., Kurihara, Y., Takeya, M., Kamada, N., Kataoka, M., Jishage, K., Ueda, O., Sakaguchi, H., Higashi, T., Suzuki, T., Takashima, Y., Kawabe, Y., Cynshi, O., Wada, Y., Honda, M., Kurihara, H., Aburatani, H., Doi, T., Matsumoto, A., Azuma, S., Noda, T., Toyoda, Y., Itakura, H., Yazaki, Y., Kodama, T. and et al. (1997) *Nature,* **386,** 292-6.

Swarnakar, S., Temel, R. E., Connelly, M. A., Azhar, S. and Williams, D. L. (1999) *J Biol Chem,* **274,** 29733-9.

Tall, A. R. (1993) *J Lipid Res,* **34,** 1255-74.

Tanaka, T., Nakata, T., Oka, T., Ogawa, T., Okamoto, F., Kusaka, Y., Sohmiya, K., Shimamoto, K. and Itakura, K. (2001) *J Lipid Res,* **42,** 751-9.

Tanaka, T., Sohmiya, K. and Kawamura, K. (1997) *J Mol Cell Cardiol,* **29,** 121-7.

Tandon, N. N., Lipsky, R. H., Burgess, W. H. and Jamieson, G. A. (1989) *Journal of Biological Chemistry,* **264,** 7570-7375.

Tang, Y., Taylor, K. T., Sobieski, D. A., Medved, E. S., Lipsky, R. H., Franc, N. C., Dimarcq, J. L., Lagueux, M., Hoffmann, J., Ezekowitz, R. A., Webb, N. R., de Villiers, W. J., Connell, P. M., de Beer, F. C. and van der Westhuyzen, D. R. (1994) *J Biol Chem,* **269,** 6011-5.

Tao, N., Wagner, S. J. and Lublin, D. M. (1996) *J Biol Chem,* **271,** 22315-20.

Teboul, L., Febbraio, M., Gaillard, D., Amri, E. Z., Silverstein, R. and Grimaldi, P. A. (2001) *Biochem J,* **360,** 305-12.

Teboul, L., Gaillard, D., Staccini, L., Inadera, H., Amri, E. Z. and Grimaldi, P. A. (1995) *J Biol Chem,* **270,** 28183-7.

Temel, R. E., Trigatti, B., DeMattos, R. B., Azhar, S., Krieger, M. and Williams, D. L. (1997) *Proc Natl Acad Sci U S A,* **94,** 13600-5.

Temel, R. E., Walzem, R. L., Banka, C. L. and Williams, D. L. (2002) *J Biol Chem,* **277,** 26565-72.

Tesson, L., Cozzi, J., Menoret, S., Remy, S., Usal, C., Fraichard, A. and Anegon, I. (2005) *Transgenic Res,* **14,** 531-46.

Thomsen, P., Roepstorff, K., Stahlhut, M. and van Deurs, B. (2002) *Mol Biol Cell,* **13,** 238-50.

Thorne, R. F., Marshall, J. F., Shafren, D. R., Gibson, P. G., Hart, I. R. and Burns, G. F. (2000) *J Biol Chem,* **275,** 35264-75.

Thorne, R. F., Meldrum, C. J., Harris, S. J., Dorahy, D. J., Shafren, D. R., Berndt, M. C., Burns, G. F. and Gibson, P. G. (1997) *Biochem Biophys Res Commun,* **240,** 812-8.

Thuahnai, S. T., Lund-Katz, S., Williams, D. L. and Phillips, M. C. (2001) *J Biol Chem,* **276,** 43801-8.

Tietz, P., Jefferson, J., Pagano, R. and Larusso, N. F. (2005) *J Lipid Res,* **46,** 1426-32.

Tong, F., Black, P. N., Coleman, R. A. and DiRusso, C. C. (2006) *Arch Biochem Biophys,* **447,** 46-52.

Trigatti, B., Covey, S. and Rizvi, A. (2004) *Biochem Soc Trans,* **32,** 116-20.

Trigatti, B., Rayburn, H., Vinals, M., Braun, A., Miettinen, H., Penman, M., Hertz, M., Schrenzel, M., Amigo, L., Rigotti, A. and Krieger, M. (1999a) *Proc Natl Acad Sci U S A,* **96,** 9322-7.

Trigatti, B., Rigotti, A. and Krieger, M. (2000) *Curr Opin Lipidol,* **11,** 123-31.

Trigatti, B. L., Anderson, R. G. and Gerber, G. E. (1999b) *Biochem Biophys Res Commun,* **255,** 34-9.

Trigatti, B. L., Krieger, M. and Rigotti, A. (2003) *Arterioscler Thromb Vasc Biol,* **23,** 1732-8.

Truong, T. Q., Aubin, D., Bourgeois, P., Falstrault, L. and Brissette, L. (2006) *Biochim Biophys Acta*.

Uchiyama, A., Aoyama, T., Kamijo, K., Uchida, Y., Kondo, N., Orii, T. and Hashimoto, T. (1996) *J Biol Chem,* **271,** 30360-5.

Ueda, Y., Royer, L., Gong, E., Zhang, J., Cooper, P. N., Francone, O. and Rubin, E. M. (1999) *J Biol Chem,* **274,** 7165-71.

Urban, S., Zieseniss, S., Werder, M., Hauser, H., Budzinski, R. and Engelmann, B. (2000) *J Biol Chem,* **275,** 33409-15.

Van der Vusse, G. J., Glatz, J. F., Van Nieuwenhoven, F. A., Reneman, R. S. and Bassingthwaighte, J. B. (1998) *Adv Exp Med Biol,* **441,** 181-91.

van der Vusse, G. J., van Bilsen, M., Glatz, J. F., Hasselbaink, D. M. and Luiken, J. J. (2002) *Mol Cell Biochem,* **239,** 9-15.

Van Eck, M., Twisk, J., Hoekstra, M., Van Rij, B. T., Van der Lans, C. A., Bos, I. S., Kruijt, J. K., Kuipers, F. and Van Berkel, T. J. (2003) *J Biol Chem,* **278,** 23699-705.

Van Nieuwenhoven, F. A., Luiken, J. J., De Jong, Y. F., Grimaldi, P. A., Van der Vusse, G. J. and Glatz, J. F. (1998) *J Lipid Res,* **39,** 2039-47.

Van Nieuwenhoven, F. A., Willemsen, P. H., Van der Vusse, G. J. and Glatz, J. F. (1999) *Int J Biochem Cell Biol,* **31,** 489-98.

Van Parijs, L., Refaeli, Y., Lord, J. D., Nelson, B. H., Abbas, A. K. and Baltimore, D. (1999) *Immunity,* **11,** 281-8.

Varban, M. L., Rinninger, F., Wang, N., Fairchild-Huntress, V., Dunmore, J. H., Fang, Q., Gosselin, M. L., Dixon, K. L., Deeds, J. D., Acton, S. L., Tall, A. R. and Huszar, D. (1998) *Proc Natl Acad Sci U S A,* **95,** 4619-24.

Vieira-van Bruggen, D., Kalkman, I., van Gent, T., van Tol, A. and Jansen, H. (1998) *J Biol Chem,* **273,** 32038-41.

Vihanto, M. M., Vindis, C., Djonov, V., Cerretti, D. P. and Huynh-Do, U. (2006) *J Cell Sci,* **119,** 2299-309.

Vinals, M., Xu, S., Vasile, E. and Krieger, M. (2003) *J Biol Chem,* **278,** 5325-32.

Vistisen, B., Roepstorff, K., Roepstorff, C., Bonen, A., van Deurs, B. and Kiens, B. (2004) *J Lipid Res,* **45,** 603-9.

Volonte, D., Galbiati, F., Li, S., Nishiyama, K., Okamoto, T. and Lisanti, M. P. (1999a) *J Biol Chem,* **274,** 12702-9.

Volonte, D., Galbiati, F. and Lisanti, M. P. (1999b) *FEBS Lett,* **445,** 431-9.

Vork, M. M., Glatz, J. F. and Van der Vusse, G. J. (1997) *Prostaglandins Leukot Essent Fatty Acids,* **57,** 11-6.

Voshol, P. J., Schwarz, M., Rigotti, A., Krieger, M., Groen, A. K. and Kuipers, F. (2001) *Biochem J,* **356,** 317-25.

Wang, L., Connelly, M. A., Ostermeyer, A. G., Chen, H. H., Williams, D. L. and Brown, D. A. (2003) *J Lipid Res,* **44,** 807-15.

Wang, N., Arai, T., Ji, Y., Rinninger, F. and Tall, A. R. (1998) *J Biol Chem,* **273,** 32920-6.

Wang, N. and Tall, A. R. (2003) *Arterioscler Thromb Vasc Biol,* **23,** 1178-84.

Wang, N., Weng, W., Breslow, J. L. and Tall, A. R. (1996) *J Biol Chem,* **271,** 21001-4.

Warden, C. H., Hedrick, C. C., Qiao, J. H., Castellani, L. W. and Lusis, A. J. (1993) *Science,* **261,** 469-72.

Webb, N. R., Connell, P. M., Graf, G. A., Smart, E. J., de Villiers, W. J., de Beer, F. C. and van der Westhuyzen, D. R. (1998) *J Biol Chem,* **273,** 15241-8.

Webb, N. R., de Beer, M. C., de Beer, F. C. and van der Westhuyzen, D. R. (2004) *J Lipid Res,* **45,** 272-80.

Webb, N. R., de Villiers, W. J., Connell, P. M., de Beer, F. C. and van der Westhuyzen, D. R. (1997) *J Lipid Res,* **38,** 1490-5.

Wedegaertner, P. B., Wilson, P. T. and Bourne, H. R. (1995) *J Biol Chem,* **270,** 503-6.

Weigel, P. H. and Yik, J. H. (2002) *Biochim Biophys Acta,* **1572,** 341-63.

Weng, W. and Breslow, J. L. (1996) *Proc Natl Acad Sci U S A,* **93,** 14788-94.

Williams, D. L., Connelly, M. A., Temel, R. E., Swarnakar, S., Phillips, M. C., de la Llera-Moya, M. and Rothblat, G. H. (1999) *Curr Opin Lipidol,* **10,** 329-39.

Williams, D. L., de La Llera-Moya, M., Thuahnai, S. T., Lund-Katz, S., Connelly, M. A., Azhar, S., Anantharamaiah, G. M. and Phillips, M. C. (2000) *J Biol Chem,* **275,** 18897-904.

Williams, D. L., Wong, J. S., Wissig, S. L. and Hamilton, R. L. (1995) *J Lipid Res,* **36,** 745-58.

Witt, W., Kolleck, I., Fechner, H., Sinha, P. and Rustow, B. (2000) *J Lipid Res,* **41,** 2009-16.

Wood, D. R., Nye, J. S., Lamb, N. J., Fernandez, A. and Kitzmann, M. (2005) *J Biol Chem,* **280,** 6663-8.

Woodman, S. E., Schlegel, A., Cohen, A. W. and Lisanti, M. P. (2002) *Biochemistry,* **41,** 3790-5.

Wu, Q., Ortegon, A. M., Tsang, B., Doege, H., Feingold, K. R. and Stahl, A. (2006) *Mol Cell Biol,* **26,** 3455-67.

Xu, S., Laccotripe, M., Huang, X., Rigotti, A., Zannis, V. I. and Krieger, M. (1997) *J Lipid Res,* **38,** 1289-98.

Yamamoto, N., Ikeda, H., Tandon, N. N., Herman, J., Tomiyama, Y., Mitani, T., Sekiguchi, S., Lipsky, R., Kralisz, U. and Jamieson, G. A. (1990) *Blood,* **76,** 1698-703.

Yancey, P. G., Bortnick, A. E., Kellner-Weibel, G., de la Llera-Moya, M., Phillips, M. C. and Rothblat, G. H. (2003) *Arterioscler Thromb Vasc Biol,* **23,** 712-9.

Yancey, P. G., de la Llera-Moya, M., Swarnakar, S., Monzo, P., Klein, S. M., Connelly, M. A., Johnson, W. J., Williams, D. L. and Rothblat, G. H. (2000) *J Biol Chem,* **275,** 36596-604.

Yu, L., Li-Hawkins, J., Hammer, R. E., Berge, K. E., Horton, J. D., Cohen, J. C. and Hobbs, H. H. (2002) *J Clin Invest,* **110,** 671-80.

Zeng, Y., Tao, N., Chung, K. N., Heuser, J. E. and Lublin, D. M. (2003) *J Biol Chem,* **278,** 45931-6.

Zhang, X., Fitzsimmons, R. L., Cleland, L. G., Ey, P. L., Zannettino, A. C., Farmer, E. A., Sincock, P. and Mayrhofer, G. (2003) *Lab Invest,* **83,** 317-32.

Zhou, S. L., Stump, D., Sorrentino, D., Potter, B. J. and Berk, P. D. (1992) *J Biol Chem,* **267,** 14456-61.

Zou, Z., DiRusso, C. C., Ctrnacta, V. and Black, P. N. (2002) *J Biol Chem,* **277,** 31062-71.

Zurzolo, C., van Meer, G. and Mayor, S. (2003) *EMBO Rep,* **4,** 1117-21.

Eyre, N.S., Cleland, L.G., Tandon, N.N. and Mayrhofer, G. (2007) Importance of the carboxyl terminus of FAT/CD36 for plasma membrane localization and function in long-chain fatty acid uptake.
Journal of Lipid Research v.48 (3) pp. 528 – 542, March 2007