

SELECTED LAM PUBLICATIONS SINCE 2003

BASIC SCIENCE

D'Armiento J, Imai K, Schiltz J, Kolesnekova N, Sternberg D, Benson K, Pardo A, Selman M, Smolarek T, Vundavalli M, Sonnet J, Szabolcs M, Chada K. Identification of the benign mesenchymal tumor gene HMGA2 in lymphangiomyomatosis. *Cancer Res.* 2007 Mar 1;67(5):1902-9.

Hansen T, Katenkamp K, Bittinger F, Kirkpatrick CJ, Katenkamp D. D2-40 labeling in lymphangiomyoma/lymphangiomyomatosis of the soft tissue: further evidence of lymphangiogenic tumor histogenesis. *Virchows Arch.* 2007 Apr;450(4):449-53. Epub 2007 Feb 15.

Peter B. Crino. MD, PhD, Katherine L. Nathanson, MD, and Elizabeth Petri Henske, MD. The Tuberous Sclerosis Complex. *N Engl J Med* 355:13 Sept. 2006

Seyama K, Kumasaka T, Souma S, Sato T, Kurihara M, Mitani K, Tominaga S, Fukuchi Y. Vascular endothelial growth factor-D is increased in serum of patients with lymphangiomyomatosis. *Lymphat Res Biol.* 2006;4(3):143-52.

Robb VA, Astrinidis A, Henske EP. Frequent [corrected] hyperphosphorylation of ribosomal protein S6 [corrected] in lymphangiomyomatosis-associated angiomyolipomas. *Mod Pathol.* 2006 Jun;19(6):839-46. Erratum in: *Mod Pathol.* 2006 Jun;19(6):889.

Valencia JC, Pacheco-Rodriguez G, Carmona AK, Xavier J, Bruneval P, Riemenschneider WK, Ikeda Y, Yu ZX, Ferrans VJ, Moss J. Tissue-specific renin-angiotensin system in pulmonary lymphangiomyomatosis. *Am J Respir Cell Mol Biol.* 2006 Jul;35(1):40-7. Epub 2006 Feb 10.

Goncharova EA, Goncharov DA, Spaits M, Noonan DJ, Talovskaya E, Eszterhas A, Krymskaya VP. Abnormal growth of smooth muscle-like cells in lymphangiomyomatosis: Role for tumor suppressor TSC2. *Am J Respir Cell Mol Biol.* 2006 May;34(5):561-72. Epub 2006 Jan 19.

Goncharova EA, Goncharov DA, Lim PN, Noonan D, Krymskaya VP. Modulation of cell migration and invasiveness by tumor suppressor TSC2 in lymphangiomyomatosis. *Am J Respir Cell Mol Biol.* 2006 Apr;34(4):473-80. Epub 2005 Dec 30.

Black JL, Ge Q, Boustany S, Johnson PR, Poniris MH, Glanville AR, Oliver BG, Moir LM, Burgess JK. In vitro studies of lymphangiomyomatosis. *Eur Respir J.* 2005 Oct;26(4):569-76.

Lesma E, Grande V, Carelli S, Brancaccio D, Canevini MP, Alfano RM, Coggi G, Di Giulio AM, Gorio A. Isolation and growth of smooth muscle-like cells derived from tuberous sclerosis complex-2 human renal angiomyolipoma: epidermal growth factor is the required growth factor. *Am J Pathol.* 2005 Oct;167(4):1093-103.

Kumasaka T, Seyama K, Mitani K, Souma S, Kashiwagi S, Hebisawa A, Sato T, Kubo H, Gomi K, Shibuya K, Fukuchi Y, Suda K. Lymphangiogenesis-mediated shedding of LAM cell clusters as a mechanism for dissemination in lymphangiomyomatosis. *Am J Surg Pathol.* 2005 Oct;29(10):1356-66.

El-Hashemite N, Kwiatkowski DJ. Interferon-gamma-Jak-Stat signaling in pulmonary lymphangiomyomatosis and renal angiomyolipoma: a potential therapeutic target. *Am J Respir Cell Mol Biol.* 2005 Sep;33(3):227-30. Epub 2005 Jun 30.

Mak BC, Kenerson HL, Aicher LD, Barnes EA, Yeung RS. Aberrant beta-catenin signaling in tuberous sclerosis. *Am J Pathol.* 2005 Jul;167(1):107-16. PMID: 15972957

El-Hashemite N, Walker V, Kwiatkowski DJ.

Estrogen enhances whereas tamoxifen retards development of Tsc mouse liver hemangioma: a tumor related to renal angiomyolipoma and pulmonary lymphangioliomyomatosis.

Cancer Res. 2005 Mar 15;65(6):2474-81.

PMID: 15781664

Gregorino Paone, Linda A. Stevens, Rodney L. Levine, Chritelle Bourgeois, Wendy K. Steagall, Bernadette R. Gochuico, and Joel Moss. ADP-ribosyltransferase-specific Modification of Human Neutrophil Peptide-1. Vol 281;25, June 2006.

Nellist M, Burgers PC, van den Ouweland AM, Halley DJ, Luider TM. Phosphorylation and binding partner analysis of the TSC1-TSC2 complex. Biochem Biophys Res Commun. 2005 Aug 5;333(3):818-26.

Mak BC, Kenerson HL, Aicher LD, Barnes EA, Yeung RS. Aberrant {beta}-Catenin Signaling in Tuberous Sclerosis. Am J Pathol 2005 Jul;167(1):107-16.

York B, Lou D, Panettieri Jr RA, Krymskaya VP, Vanaman TC, Noonan DJ. Cross-talk between tuberin, calmodulin, and estrogen signaling pathways. FASEB J. 2005 Apr 25.

Kenerson H, Dundon TA, Yeung RS. Effects of rapamycin in the Eker rat model of tuberous sclerosis complex. Pediatr Res. 2005 Jan;57(1):67-75.

Sarbassov D, Guertin D, Ali SM, Sabatini DM. Phosphorylation and Regulation of Akt/PKB by the Rictor-mTOR Complex. Science 2005 Feb. 18. V307: 1098-1101.

Vlahakis NE, Young BA, Atakilit A, Sheppard D. The lymphangiogenic vascular endothelial growth factors VEG-C and -D are ligands for the integrin alpha9beta1. J Biol Chem. 2005 Feb 11;280(6):4544-52.

Finlay GA, York B, Karas RH, Fanburg BL, Zhang H, Kwiatkowski DJ, Noonan DJ. Estrogen-induced smooth muscle cell growth is regulated by tuberin and associated with altered activation of platelet-derived growth factor receptor-beta and ERK-1/2. J Biol Chem. 2004 May 28;279(22):23114-22.

Astrinidis A, Henske EP. Aberrant cellular differentiation and migration in renal and pulmonary tuberous sclerosis complex. J Child Neurol. 2004 Sep;19(9):710-5.

Zhe X, Schuger L. Combined smooth muscle and melanocytic differentiation in lymphangioliomyomatosis. J Histochem Cytochem. 2004 Dec;52(12):1537-42.

Zhe X, Yang Y, Schuger L. Imbalanced Plasminogen System in Lymphangioliomyomatosis: Potential Role of Serum Response Factor. Am J Respir Cell Mol Biol. 2004 Oct 28.

Crooks DM, Pacheco-Rodriguez G, DeCastro RM, McCoy JP Jr, Wang JA, Kumaki F, Darling T, Moss J. Molecular and genetic analysis of disseminated neoplastic cells in lymphangioliomyomatosis. Proc Natl Acad Sci U S A. 2004 Dec 14;101(50):17462-7.

Merrilees MJ, Hankin EJ, Black JL, Beaumont B. Matrix proteoglycans and remodelling of interstitial lung tissue in lymphangioliomyomatosis. J Pathol. 2004 Jun;203(2):653-60.

Ferri N, Carragher NO, Raines EW. Role of discoidin domain receptors 1 and 2 in human smooth muscle cell-mediated collagen remodeling: potential implications in atherosclerosis and lymphangioliomyomatosis. Am J Pathol. 2004 May;164(5):1575-85.

Yu J, Astrinidis A, Howard S, Henske EP. Estradiol and Tamoxifen Stimulate Lymphangiomyomatosis-Associated Angiomyolipoma Cell Growth and Activate Both Genomic and Non-Genomic Signaling Pathways. *Am J Physiol Lung Cell Mol Physiol*. 2004 Apr;286(4):L694-700.

Evans SE, Colby TV, Ryu JH, Limper AH. Transforming growth factor-beta 1 and extracellular matrix-associated fibronectin expression in pulmonary lymphangiomyomatosis. *Chest*. 2004 Mar;125(3):1063-70.

Finlay G. The LAM cell: what is it, where does it come from, and why does it grow? *Am J Physiol Lung Cell Mol Physiol*. 2004 Apr;286(4):L690-3.

Pileri SA, Cavazza A, Schiavina M, Zompatori M, Pederzoli M, Goldfischer M, Sabbatini E, Ascani S, Pasquinelli G, Bonetti F, Colby TV. Clear-cell proliferation of the lung with lymphangiomyomatosis-like change. *Histopathology*. 2004 Feb;44(2):156-63.

Goncharova E, Goncharov D, Noonan D, Krymskaya VP. 2004. TSC2 Modulates Actin Cytoskeleton and Focal Adhesion through TSC1-Binding Domain and the Rac1 GTPase. *The Journal of Cell Biology*. V.167, No. 6 Dec. 20, 2004: 1171-1182.

Harrington LS, Findlay GM, Gray A, Tolkacheva T, Wigfield S, Rebholz H, Barnett J, Leslie NR, Cheng S, Shepherd PR, Gout I, Downes CP, and Lamb RF. The TSC1-2 tumor suppressor controls insulin-PI3K signaling via regulation of IRS proteins. *J Cell Biol*. 2004 Jul 19;166(2):213-23.

Karbowniczek M, Cash T, Cheung M, Robertson GP, Astrinidis A, Henske EP. Regulation of B-Raf kinase activity by tuberin and Rheb is mammalian target of rapamycin (mTOR) independent. *J Biol Chem*. 2004 May 18: 29930-29937.

van Slegtenhorst M, Carr E, Stoyanova R, Kruger WD, Henske EP. Tsc1+ and tsc2+ regulate arginine uptake and metabolism in *Schizosaccharomyces pombe*. *J Biol Chem*. 2004 Mar 26;279(13):12706-13.

Walker CL, Hunter D, Everitt JI. Uterine leiomyoma in the Eker rat: a unique model for important diseases of women. *Genes Chromosomes Cancer*. 2003 Dec;38(4):349-56.

Henske EP. Metastasis of benign tumor cells in tuberous sclerosis complex. *Genes Chromosomes Cancer*. 2003 Dec;38(4):376-81.

Inoki K, Li Y, Xu T, Guan KL. Rheb GTPase is a direct target of TSC2 GAP activity and regulates mTOR signaling. *Genes Dev*. 2003 Aug 1;17(15):1829-34.

Castro AF, Rebhun JF, Clark GJ, Quilliam LA. Rheb binds tuberous sclerosis complex 2 (TSC2) and promotes S6 kinase activation in a rapamycin- and farnesylation-dependent manner. *J Biol Chem*. 2003 Aug 29;278(35):32493-6.

Knowles MA, Habuchi T, Kennedy W, Cuthbert-Heavens D. Mutation spectrum of the 9q34 tuberous sclerosis gene TSC1 in transitional cell carcinoma of the bladder. *Cancer Res*. 2003 Nov 15;63(22):7652-6.

Brugarolas JB, Vazquez F, Reddy A, Sellers WR, Kaelin WG Jr. TSC2 regulates VEGF through mTOR-dependent and -independent pathways. *Cancer Cell*. 2003 Aug;4(2):147-58.

KenInoki, YongLi, TianXu, andKun-Liang Guan.Rheb GTPase is a direct target of TSC2 GAP activity and regulates mTOR signaling. *GENES&DEVELOPMENT* 17:1829-1834

Krymskaya VP, Shipley JM. 2003. Lymphangiomyomatosis. A Complex Tale of Serum Response Factor-Mediated Tissue Inhibitor of Metalloproteinase-3 Regulation. *Am J Respir Cell Mol Biol*. Vol 28 pp 546-550.

El-Hashemite N, Zhang H, Henske EP, Kwiatkowski DJ. 2003. Mutation in *TSC2* and activation of mammalian target of rapamycin signalling pathway in renal angiomyolipoma. *Lancet* 2003; 361: 1348–49.

Zhe X, Yang, Y, Jakkaraju S, Schuger L. 2003. Tissue Inhibitor of Metalloproteinase-3 Downregulation in Lymphangioliomyomatosis. Potential consequence of abnormal serum response factor expression. *Am J Respir Cell Mol Biol*. Vol 28 pp 504-511.

Wockel W, Morresi-Hauf A. [Micronodular pneumocyte hyperplasia in pulmonary lymphangioliomyomatosis and tuberous sclerosis] *Pneumologie*. 2003 Nov;57(11):662-6.

Date H, Aoe M, Nagahiro I, Sano Y, Andou A, Matsubara H, Goto K, Tedoriya T, Shimizu N. Living-donor lobar lung transplantation for various lung diseases. *J Thorac Cardiovasc Surg*. 2003 Aug;126(2):476-81.

Chan AL, Kwack S, Jones KD, Glassberg MK, Gherman CR. Lymphangioliomyomatosis and α 1-antitrypsin disease: a unique combination? *Chest*. 2003 Aug;124(2):763-5.

Shitrit D, Izbicki G, Ben-Dov I, Kramer MR. Lymphangioliomyomatosis: a rare indication for lung transplantation. *Isr Med Assoc J*. 2003 Jul;5(7):533.

Dimmler A, Seitz G, Hohenberger W, Kirchner T, Faller G. Late pulmonary metastasis in uterine PEComa. *J Clin Pathol*. 2003 Aug;56(8):627-8.

Jaiswal VR, Baird J, Fleming J, Miller DS, Sharma S, Molberg K. Localized retroperitoneal lymphangioliomyomatosis mimicking malignancy. A case report and review of the literature. *Arch Pathol Lab Med*. 2003 Jul;127(7):879-82.

Krymskaya VP. Tumour suppressors hamartin and tuberlin: intracellular signalling. *Cell Signal*. 2003 Aug;15(8):729-39.

Panizo-Santos A, Sola I, De Alava E, Lozano MD, Idoate MA, Pardo FJ. Angiomyolipoma and PEComa Are Immunoreactive for MyoD1 in Cell Cytoplasmic Staining Pattern. *Appl Immunohistochem Mol Morphol*. 2003 Jun;11(2):156-60.

Sampson JR. *TSC1* and *TSC2*: genes that are mutated in the human genetic disorder tuberous sclerosis. *Biochem Soc Trans*. 2003 Jun;31(Pt 3):592-6.

Rochaix P, Lacroix-Triki M, Lamant L, Pichereaux C, Valmary S, Puente E, Al Saati T, Monsarrat B, Susini C, Buscaill L, Delsol G, Voigt JJ. PNL2, a New Monoclonal Antibody Directed against a Fixative Resistant Melanocyte Antigen. *Mod Pathol*. 2003 May;16(5):481-90.

Pan LH, Ito H, Kurose A, Yamauchi K, Inoue H, Sawai T. Pulmonary lymphangioliomyomatosis: a case report with immunohistochemical details and DNA analysis. *Tohoku J Exp Med*. 2003 Feb;199(2):119-26.

Mangoni di Santo Stefano ML, Esposito S, Codella U, Cappabianca S, Grassi R. Renal angiomyolipoma as a sign of pulmonary lymphangioliomyomatosis (LAM). Case report and review of literature. *Radiol Med (Torino)*. 2003 Jan-Feb;105(1-2):122-6.

Homolka J, Svobodova L, Slovakova A, Votava V, Polak J. [Lymphangioliomyomatosis in a menopausal woman] *Cas Lek Cesk*. 2003 Feb;142(2):117-9.

Gokdemir G, Kivanc-Altunay I, Yoldemir T. Acquired vulvar lymphangiomas after cancer therapy. *Int J Gynaecol Obstet*. 2003 Apr;81(1):65-7.

Flores-Delgado G, Anderson KD, Warburton D. Nongenomic estrogen action regulates tyrosine phosphatase activity and tuberinstability. *Mol Cell Endocrinol*. 2003 Jan 31;199(1-2):143-51.

Karbowniczek M, Yu J, Henske EP. Renal angiomyolipomas from patients with sporadic lymphangiomyomatosis contain both neoplastic and non-neoplastic vascular structures. *Am J Pathol.* 2003 Feb;162(2):491-500.

Astrinidis A, Senapedis W, Coleman TR, Henske EP. Cell cycle-regulated phosphorylation of hamartin, the product of the tuberous sclerosis complex 1 gene, by CDK1/cyclin B. *J Biol Chem.* 2003 Dec 19;278(51):51372-9.

Kwiatkowski DJ. Rhebbing up mTOR: New Insights on TSC1 and TSC2, and the Pathogenesis of Tuberous Sclerosis. *Cancer Biol Ther.* 2003 Sep-Oct;2(5):471-6.

Zhang H, Cicchetti G, Onda H, Koon HB, Asrican K, Bajraszewski N, Vazquez F, Carpenter CL, Kwiatkowski DJ. Loss of Tsc1/Tsc2 activates mTOR and disrupts PI3K-Akt signaling through downregulation of PDGFR. *J Clin Invest.* 2003 Oct;112(8):1223-33.

El-Hashemite N, Walker V, Zhang H, Kwiatkowski DJ. Loss of Tsc1 or Tsc2 induces vascular endothelial growth factor production through mammalian target of rapamycin. *Cancer Res.* 2003 Sep 1;63(17):5173-7.

El-Hashemite N, Zhang H, Henske EP, Kwiatkowski DJ. Mutation in TSC2 and activation of mammalian target of rapamycin signaling pathway in renal angiomyolipoma. *Lancet.* 2003 Apr 19;361(9366):1348-9.

Finlay GA, Hunter DS, Walker CL, Paulson KE, Fanburg BL. Regulation of PDGF production and ERK activation by estrogen is associated with TSC2 gene expression. *Am J Physiol Cell Physiol.* 2003 Aug;285(2):C409-18.

Yeung RS. Multiple roles of the tuberous sclerosis complex genes. *Genes Chromosomes Cancer.* 2003 Dec;38(4):368-75.]

Mak BC, Takemaru K, Kenerson HL, Moon RT, Yeung RS. The tuberin-hamartin complex negatively regulates beta-catenin signaling activity. *J Biol Chem.* 2003 Feb 21;278(8):5947-51.

CLINICAL PUBLICATIONS

Garzon JC, Ng CS, Lee TW, Yim AP.
Video-assisted Thoracic Surgery for Pneumothorax in LAM.
Heart Lung Circ. 2007 Mar 7;
PMID: 17349822

Avila NA, Dwyer AJ, Rabel A, Moss J. Sporadic lymphangioliomyomatosis and tuberous sclerosis complex with lymphangioliomyomatosis: comparison of CT features.
Radiology. 2007 Jan;242(1):277-85. Epub 2006 Nov 14.
PMID: 17105849

Pollock-BarZiv S, Cohen MM, Downey GP, Johnson SR, Sullivan E, McCormack FX.
Air travel in women with lymphangioliomyomatosis.
Thorax. 2007 Feb;62(2):176-80. Epub 2006 Oct 13.
PMID: 17040934

Almoosa KF, Ryu JH, Mendez J, Huggins JT, Young LR, Sullivan EJ, Maurer J, McCormack FX, Sahn SA.
Management of pneumothorax in lymphangioliomyomatosis: effects on recurrence and lung transplantation complications.
Chest. 2006 May;129(5):1274-81.

Young LR, Almoosa KF, Pollock-Barziv S, Coutinho M, McCormack FX, Sahn SA.

Patient perspectives on management of pneumothorax in lymphangiomyomatosis. *Chest*. 2006 May;129(5):1267-73.

Avila NA, Dwyer AJ, Rabel A, DeCastro RM, Moss J. CT of pleural abnormalities in lymphangiomyomatosis and comparison of pleural findings after different types of pleurodesis. *AJR Am J Roentgenol*. 2006 Apr;186(4):1007-12.

Ryu JH, Moss J, Beck GJ, Lee JC, Brown KK, Chapman JT, Finlay GA, Olson EJ, Ruoss SJ, Maurer JR, Raffin TA, Peavy HH, McCarthy K, Taveira-Dasilva A, McCormack FX, Avila NA, Decastro RM, Jacobs SS, Stylianou M, Fanburg BL; NHLBI LAM Registry Group. The NHLBI lymphangiomyomatosis registry: characteristics of 230 patients at enrollment. *Am J Respir Crit Care Med*. 2006 Jan 1;173(1):105-11. Epub 2005 Oct 6.

Cohen MM, Pollock-BarZiv S, Johnson SR. Emerging clinical picture of lymphangiomyomatosis. *Thorax*. 2005 Oct;60(10):875-9. Epub 2005 Jul 29.

Avila NA, Dwyer AJ, Murphy-Johnson DV, Brooks P, Moss J. Sonography of lymphangiomyoma in lymphangiomyomatosis: demonstration of diurnal variation in lesion size. *AJR Am J Roentgenol*. 2005 Feb;184(2):459-64.

McCormack FX, Young L, *Advances in Lymphangiomyomatosis*, 2006

Johnson SR. Lymphangiomyomatosis. *Eur Respir J* 2006: 1056-1065

McCormack FX. Lymphangiomyomatosis. *Medscape General Medicine*. 2006. Jan 18.

Cohen MM, Pollock-Barziv S, Johnson S. The emerging clinical picture of lymphangiomyomatosis. *Thorax*. 2005 Jul 29.

Pollock-Barziv SM, Cohen MM, Maclean H, Downey GP. Patients' perceptions versus medical testing of function in women with lymphangiomyomatosis (LAM). *Respir Med*. 2005 Jul;99(7):901-9.

Cottin V, Vukusic S, Jouanneau E, Lazor R, Cordier JF. Should patients with lymphangiomyomatosis undergo screening for meningioma? *Eur Respir J*. 2004. Nov;24(5):888-9.

Taveira-Dasilva AM, Stylianou MP, Hedin CJ, Hathaway O, Moss J. Decline in lung function in patients with lymphangiomyomatosis treated with or without progesterone. *Chest*. 2004 Dec;126(6):1867-74.

Taveira-Dasilva AM, Stylianou MP, Hedin CJ, Hathaway O, Moss J. Bone Mineral Density in Lymphangiomyomatosis (LAM). *Am J Respir Crit Care Med*. 2004 Oct 1.

Johnson SR, Whale CI, Hubbard RB, Lewis SA, Tattersfield AE. Survival and disease progression in UK patients with lymphangiomyomatosis. *Thorax*. 2004 Sep;59(9):800-3.

Glassberg MK. Lymphangiomyomatosis. *Clin Chest Med*. 2004 Sep;25(3):573-82.

Sato T, Seyama K, Kumasaka T, Fujii H, Setoguchi Y, Shirai T, Tomino Y, Hino O, Fukuchi Y. A patient with TSC1 germline mutation whose clinical phenotype was limited to lymphangiomyomatosis. *J Intern Med*. 2004 Aug;256(2):166-73.

Kumasaka T, Seyama K, Mitani K, Sato T, Souma S, Kondo T, Hayashi S, Minami M, Uekusa T, Fukuchi Y, Suda K. Lymphangiogenesis in lymphangiomyomatosis: its implication in the progression of lymphangiomyomatosis. *Am J Surg Pathol*. 2004 Aug;28(8):1007-16.

Lazor R, Valeyre D, Lacronique J, Wallaert B, Urbane T, Cordier JF; The Groupe d'Etudes et de Recherche sur les Maladies "Orphelines" Pulmonaires. Low initial KCO predicts rapid FEV1 decline in pulmonary lymphangiomyomatosis. *Respir Med*. 2004 Jun;98(6):536-41.

Pechet TT, Meyers BF, Guthrie TJ, Battafarano RJ, Trulock EP, Cooper JD, Patterson GA. Lung transplantation for lymphangiomyomatosis. *J Heart Lung Transplant*. 2004 Mar;23(3):301-8.

Lim KE, Tsai YH, Hsu YI Y, Hsu WC W. Pulmonary lymphangiomyomatosis: high-resolution CT findings in 11 patients and compared with the literature. *Clin Imaging*. 2004 Jan-Feb;28(1):1-5.

McCormack FX, Young L. 2004. Advances in Lymphangiomyomatosis. *Pulmonary and Critical Care Update Online*. V18.

Sietsema KE, McCormack FX. Lymphangiomyomatosis: insights about, and from, a rare disease. *Am J Respir Crit Care Med*. 2003 Dec 15;168(12):1405-6.

Martignoni G, Pea M, Rocca PC, Bonetti F. Renal pathology in the tuberous sclerosis complex. *Pathology*. 2003 Dec;35(6):505-12.

Whale CI, Johnson SR, Phillips KG, Newton SA, Lewis SA, Tattersfield AE. Lymphangiomyomatosis: a case-control study of perinatal and early life events. *Thorax*. 2003 Nov;58(11):979-82.

Kishi K, Homma S, Sakamoto S, Kawabata M, Tsuboi E, Narui K, Yoshimura K, Nakata K. [High efficacy of pleurodesis using OK-432 for controlling intractable pneumothorax associated with pulmonary lymphangiomyomatosis] *Nihon Kokyuki Gakkai Zasshi*. 2003 Oct;41(10):704-7.

Dauriat G, Brugiere O, Mal H, Camuset J, Castier Y, Leseche G, Fournier M. Refractory chylothorax after lung transplantation for lymphangiomyomatosis successfully cured with instillation of povidone. *J Thorac Cardiovasc Surg*. 2003 Sep;126(3):875-7.

Taveira-DaSilva A, Stylianou M, Hedin C, Kristof A, Avila A, Rabel A, Travis WD, Moss J. Maximal oxygen uptake and severity of disease in lymphangiomyomatosis. *Am J Respir Crit Care Med*. 2003 Sep 4.

Ryu JH, Swensen SJ. Cystic and cavitory lung diseases: focal and diffuse. *Mayo Clin Proc*. 2003 Jun;78(6):744-52.

Wong YY, Yeung TK, Chu WC. Atypical presentation of lymphangiomyomatosis as acute abdomen: CT diagnosis. *AJR Am J Roentgenol*. 2003 Jul;181(1):284-5.

Mitchell AL, Parisi MA, Sybert VP. Effects of pregnancy on the renal and pulmonary manifestations in women with tuberous sclerosis complex. *Genet Med*. 2003 May-Jun;5(3):154-60.

Badawi RA, Geddes DM. Exertional haemoptysis: LAM and TSC. *Thorax*. 2003 May;58(5):460.

Lu HC, Wang J, Tsang YM, Lin MC, Li YW. Lymphangiomyomatosis initially presenting with abdominal pain: a case report. *Clin Imaging*. 2003 May-Jun;27(3):166-70.

Mahmood MN, Stone CH. Pathologic quiz case: a 40-year-old woman with exertional dyspnea. *Arch Pathol Lab Med*. 2003 Apr;127(4):e239-41.

Kim NR, Chung MP, Park CK, Lee KS, Han J. Pulmonary lymphangiomyomatosis and multiple hepatic angiomyolipomas in a man. *Pathol Int*. 2003 Apr;53(4):231-5.

De Pauw RA, Boelaert JR, Haenebalcke CW, Matthys EG, Schurgers MS, De Vriese AS. Renal angiomyolipoma in association with pulmonary lymphangioleiomyomatosis. *Am J Kidney Dis.* 2003 Apr;41(4):877-83.

Oberstein EM, Fleming LE, Gomez-Marin O, Glassberg MK. Pulmonary lymphangioleiomyomatosis (LAM): examining oral contraceptive pills and the onset of disease. *J Womens Health (Larchmt).* 2003 Jan-Feb;12(1):81-5.

Tsubaki K, Tomioka T, Arita H, Hanaoka K. [Anesthetic management of lymphangioleiomyomatosis in a patient who developed respiratory failure post-operatively] *Masui.* 2003 Jan;52(1):49-51.

Bittmann I, Rolf B, Amann G, Lohrs U. Recurrence of lymphangioleiomyomatosis after single lung transplantation: new insights into pathogenesis. *Hum Pathol.* 2003 Jan;34(1):95-8.

Lamblin A, Mulliez E, Lemaitre L, Pattou F, Proye C. [Acute peritonitis: a rare presentation of chylous ascites] *Ann Chir.* 2003 Feb;128(1):49-52.

Koyama M, Johkoh T, Honda O, Tsubamoto M, Kozuka T, Tomiyama N, Hamada S, Nakamura H, Akira M, Ichikado K, Fujimoto K, Rikimaru T, Tateishi U, Muller NL. Chronic cystic lung disease: diagnostic accuracy of high-resolution CT in 92 patients. *AJR Am J Roentgenol.* 2003 Mar;180(3):827-35.

Kozower BD, Meyers BF, Ciccone AM, Guthrie TJ, Patterson GA. Potential for detrimental hyperinflation after lung transplantation with application of negative pleural pressure to undersized lung grafts. *J Thorac Cardiovasc Surg.* 2003 Feb;125(2):430-2.

Ryu JH, Doerr CH, Fisher SD, Olson EJ, Sahn SA. Chylothorax in lymphangioleiomyomatosis. *Chest.* 2003 Feb;123(2):623-7.

Byard RW, Blumbergs PC, James RA Mechanisms of unexpected death in tuberous sclerosis. Forensic Science Center, Adelaide, South Australia, Australia. byard.roger@saugov.sa.gov.au