

Sylvain Trahan, M.D. (2005-2006)

Publications

Trahan S, Erickson-Johnson MR, Rodriguez F, Aubry MC, Cheville JC, Myers JL, Olivera AM. Formation of the 12q14-q15 amplicon precedes the development of a well-differentiated liposarcoma arising from a nonchondroid pulmonary hamartoma. *Am J Surg Pathol*. 2006 Oct;30(10):1326-9.

Sanjay Mukhopadhyay, M.B.B.S. (2006-2007)

Poster Presentation

Necrotizing granulomas negative for microorganisms: clinical course of 50 cases. USCAP 2007 Annual Meeting, San Diego, CA

Abstracts

Mukhopadhyay S, Savci Heijink CD, Specks U, Myers JL, Yi ES, Aubry MC. Necrotizing granulomas negative for microorganisms: clinical course of 50 cases. [abstract] *Mod Pathol* 2007; 20 Suppl 2: 327 A.

Mukhopadhyay S, Savci Heijink CD, Specks U, Myers JL, Yi ES, Aubry MC. Necrotizing granulomas negative for microorganisms: clinical course of 50 cases. [abstract] *Lab Invest* 2007; 87 Suppl 1: 327 A.

Publications

Mukhopadhyay S, Aubry MC. Recurrent primary synovial sarcoma of the chest wall. In Press. *J Thorac Oncol* 2007; 2:1-2.

Mukhopadhyay S, Wilcox BE, Myers JL, Bryant SC, Buckwalter SP, Wengenack NL, Yi ES, Aughenbaugh GL, Specks U, Aubry MC. Pulmonary necrotizing granulomas of unknown etiology: Clinical and pathologic analysis of 131 patients with completely resected nodules. In Press *Chest*

Mukhopadhyay S, Aubry MC. Pulmonary Granulomas: Differential Diagnosis, Histologic Features And Algorithmic Approach. In Press *Histopathology*

Melanie Sackett, M.D. (2007-2008)

Presentation

Rate of concordance/discordance between bronchial biopsy and cytology when specimens are taken on the same bronchoscopic procedure: an institutional experience from 2000 to 2005” USCAP meeting, March 2008, Denver CO

Abstracts

Sackett MK, Salomao DR, Yi E, Aubry MC. Rate of concordance/discordance between bronchial biopsy and cytology when specimens are taken on the same bronchoscopic procedure: An institutional experience from 2000 to 2005. *Lab Invest*. 2008 Jan; 88(Suppl 1):349A.

Sackett MK, Salomao DR, Yi E, Aubry MC. Rate of concordance/discordance between bronchial biopsy and cytology when specimens are taken on the same Bronchoscopic procedure: An institutional experience from 2000 to 2005. *Mod Pathol*. 2008 Jan; 21(Suppl 1):349A.

Publications

Sackett MK, Salomao DR, Donovan JL, Yi ES, Aubry MC. Diagnostic concordance of histologic lung cancer type between bronchial biopsy and cytology specimens taken during the same bronchoscopic procedure. *Arch Pathol Lab Med*. 2010 Oct; 134(10):1504-12.

Anja Roden, M.D. (2009-2010)

Presentations

“Circulating anti-HLA antibodies are associated with antibody mediated cardiac allograft rejection” 97th Annual Meeting of the United States and Canadian Academy of Pathology, March, 2008, Denver, Colorado

“Prognostic Significance and Reproducibility of Three Histological Classifications for Thymic Epithelial Tumors” International Thymic Malignancy Interest Group Conference, May 2010, New York City, New York

Frank Schneider, M.D. (2009-2010)

Presentation

Clinicopathologic Study On Syk Expression As A Potential Prognostic Factor In Pulmonary Adenocarcinomas" American Thoracic Society International Conference, May 14-19, 2010, New Orleans, LA

Publications

Megan M. Duloher, M.D.; Rajesh R.Patel, MD; **Frank Schneider**, Jay H. Ryu, MD; "Lung Involvement in Hypereosinophilic Syndromes". Submitted to *Respiratory Medicine* (in press)

Jennifer Boland, M.D. (2011-2012)

Presentations

Tumor anaplastic lymphoma kinase (ALK) expression among patients with non-small cell carcinoma of the lung. 3/2008. United States and Canadian Academy of Pathology Annual Meeting. Denver, Colorado.

Interobserver variability in the diagnosis of bronchioloalveolar carcinoma and quantitative measures in mixed-type pulmonary adenocarcinoma - a pilot study. 5/2009. American Thoracic Society Annual Meeting. San Diego, California.

Pleuropulmonary infection by *Paragonimus westermani* in the United States: A clinicopathologic analysis of four cases with discussion of a unique risk factor. 3/2011. United States and Canadian Academy of Pathology Annual Meeting. San Antonio, Texas.

Signet ring cell features in pulmonary adenocarcinomas are associated with ALK expression and survival in never-smokers. 5/2011. American Thoracic Society Annual Meeting. Denver, Colorado.

Estimation of lepidic growth by Computer Aided Lung Informatics for Pathology Evaluation and Rating (CALIPER) in lung adenocarcinoma: Correlation with histopathologic assessment. 8/2011. Pulmonary Pathology Society Annual Meeting. New York, New York.

Concordance of immunohistochemistry (IHC) and fluorescent in situ hybridization (FISH) for anaplastic lymphoma kinase (ALK) and clinical outcomes associated with ALK status: A retrospective study on lung adenocarcinomas in never-smokers using Mayo Clinic. 8/2011. Pulmonary Pathology Society Annual Meeting. New York, New York.

Liposarcomas of the mediastinum and thorax- A clinicopathological and molecular cytogenetic analysis of 24 cases, emphasizing unusual and diverse morphologic features. 3/2012. United States and Canadian Academy of Pathology Annual Meeting. Vancouver, British Columbia, Canada.

Adenocarcinoma in situ, minimally invasive adenocarcinoma and invasive pulmonary adenocarcinoma- evaluation of interobserver agreement in 294 nodules with survival analysis. 3/2012. United States and Canadian Academy of Pathology Annual Meeting. Vancouver, British Columbia, Canada.

MET and EGFR mutations identified in ALK rearranged pulmonary adenocarcinoma: Molecular analysis of 25 ALK-positive cases. 5/2012. American Thoracic Society Annual Meeting. San Francisco, California.

Abstracts

Boland JM, Erdogan S, Vasmatzis G, Yang P, Tillmans LS, Aubry MC, Yi ES. Tumor anaplastic lymphoma kinase (ALK) expression among patients with non-small cell carcinoma of the lung. *Lab Invest.* 2008 Jan; 88(Suppl 1):336A-7A.

Boland JM, Erdogan S, Vasmatzis G, Yang P, Tillmans LS, Aubry MC, Yi ES. Tumor anaplastic lymphoma kinase (ALK) expression among patients with non-small cell carcinoma of the lung. *Mod Pathol.* 2008 Jan; 21(Suppl 1):336A-7A.

Kulig K, Yi JE, **Boland JM**, Oliveira AM, Erickson-Johnson MR, Tang H, Stoddard S, Wampfler JA, Yang P. Screening for Anaplastic Lymphoma Kinase gene rearrangement in non-small cell lung carcinomas- Is immunohistochemistry a useful tool? American Society of Clinical Oncology -National Cancer Institute-European Organization for Research and Treatment of Cancer Annual Meeting on Molecular Markers in Cancer Hollywood, FL. 2010.

Schneider F, Wampfler JA, **Boland JM**, Yang P, Aubry MC, Feldman AL, Donovan JL, Yi ES. Clinicopathologic study on Syk expression as a potential prognostic factor in pulmonary adenocarcinomas. American Thoracic Society Annual Meeting New Orleans, LA Poster. May 2010.

Yi ES, **Boland JM**, Oliveira AM, Erickson-Johnson MR, Li Y, Tang H, Stoddard S, Wampfler J, Kulig K, Yang P. An IHC scoring algorithm for selecting patients with Anaplastic Lymphoma Kinase gene rearrangement (ALK+) in adenocarcinoma of the lung: Preliminary findings on IHC and FISH correlation. College of American Pathology Annual Meeting Chicago, IL. Sep. 2010.

Yang P, Oliveira A, Wampfler J, **Boland JM**, Stoddard S, Erickson-Johnson M, Tang H, Kulig K, Yi ES. Reduced disease-free survival associated with anaplastic lymphoma kinase translocation (ALK plus) in lung adenocarcinoma patients with no cigarette smoking history. J Thorac Oncol. 2010 Dec; 5(Suppl 7):S518.

Yang P, Kulig K, Oliveira A, Wampfler J, **Boland JM**, Fortner C, Erickson-Johnson MR, Tang H, Yi ES. Anaplastic lymphoma kinase status and clinical outcomes by IHC and FISH: A retrospective study of never-smoker, adenocarcinoma lung cancer cases. European Multidisciplinary Conference on Thoracic Oncology Lugano, Switzerland. 2011.

Boland JM, McPhail ED, Garcia JJ, Lewis JE, Schembri Wismayer DJ. Detection of human papilloma virus and P16 expression in high grade adenoid cystic carcinoma of the head and neck. Mod Pathol. 2011 Feb; 24(Suppl 1):274A-5A.

Publications

Boland JM, S Erdogan, G Vasmatazis, P Yang, LS Tillmans, MR Erickson-Johnson, X Wang, LM Peterson, KC Halling, AM Oliveira, MC Aubry, ES Yi. Anaplastic Lymphoma Kinase (ALK) Immunoreactivity Correlates with ALK Gene Rearrangement and Transcriptional Upregulation in Non-Small Cell Lung Carcinomas. Hum Pathol. 2009; 40(8):1152-8.

Boland JM, Erdogan S, Vasmatazis G, Yang P, Tillmans LS, Johnson MR, Wang X, Peterson LM, Halling KC, Oliveira AM, Aubry MC, Yi ES. Anaplastic lymphoma kinase immunoreactivity correlates with ALK gene rearrangement and transcriptional up-regulation in non-small cell lung carcinomas. Hum Pathol. 2009 Aug; 40(8):1152-8.

Boland JM, Vaszar LT, Jones JL, Mathison BA, Rovzar MA, Colby TV, Leslie KO, Tazelaar HD. Pleuropulmonary infection by *Paragonimus westermani* in the United States: a rare cause of Eosinophilic pneumonia after ingestion of live crabs. Am J Surg Pathol. 2011 May; 35(5):707-13.

Yi ES, **Boland JM**, Maleszewski JJ, Roden AC, Oliveira AM, Aubry MC, Erickson-Johnson MR, Caron BL, Li Y, Tang H, Stoddard S, Wampfler J, Kulig K, Yang P. Correlation of IHC and FISH for ALK gene rearrangement in non-small cell lung carcinoma: IHC score algorithm for FISH. J Thorac Oncol. 2011 Mar; 6(3):459-65

Yang P, Kulig K, **Boland JM**, Erickson-Johnson MR, Oliveira AM, Wampfler J, Jatoi A, Deschamps C, Marks R, Fortner C, Stoddard S, Nichols F, Molina J, Aubry MC, Tang H, Yi ES. Worse disease-free survival in never-smokers with ALK+ lung adenocarcinoma. J Thorac Oncol. 2012 Jan; 7(1):90-7.

Boland JM, Kwon ED, Harrington SM, Wampfler JA, Tang H, Yang P, Aubry MC. Tumor B7-H1 and B7-H3 expression in squamous cell carcinoma of the lung. *Clin Lung Cancer*. 2013 Mar; 14(2):157-63. Epub 2012 Aug 04.

Boland JM, Colby TV, Folpe AL. Liposarcomas of the mediastinum and thorax: a clinicopathologic and molecular cytogenetic study of 24 cases, emphasizing unusual and diverse histologic features. *Am J Surg Pathol*. 2012 Sep; 36(9):1395-403.

Boland JM, Tazelaar HD, Colby TV, Leslie KO, Hartman TE, Yi ES. Diffuse pulmonary lymphatic disease presenting as interstitial lung disease in adulthood: report of 3 cases. *Am J Surg Pathol*. 2012 Oct; 36(10):1548-54.

Maldonado F, **Boland JM**, Raghunath S, Aubry MC, Bartholmai BJ, Deandrade M, Hartman TE, Karwoski RA, Rajagopalan S, Sykes AM, Yang P, Yi ES, Robb RA, Peikert T. Noninvasive characterization of the histopathologic features of pulmonary nodules of the lung adenocarcinoma spectrum using computer-aided nodule assessment and risk yield (CANARY)--a pilot study. *J Thorac Oncol*. 2013 Apr; 8(4):452-60.

Sindy Chang, M.D. (2012-2013)

Presentations:

Glucose transporter-1 protein expression in thymic epithelial neoplasms: A marker for poor prognosis. United States and Canadian Academy of Pathology Annual Meeting. Baltimore, Maryland.

ALK Gene Copy Number Gains in Non-Small Cell Lung Cancers (NSCLC): Mayo Clinic experience with 1854 cases and correlation with ALK immunohistochemistry. Pulmonary Pathology Society. Grenoble, France.

Brandon Larsen, M.D. (2013-2014)

Presentations:

Diffuse pulmonary hemangiomas presenting as a large intrapulmonary shunt: a case report of an exceedingly rare pulmonary vascular proliferation. Pulmonary Pathology Society Biennial Meeting, Grenoble, France,.

When *Coccidioides* infects the pleura: a 13-year multi-institutional experience with clinical and pathologic review of 36 cases of primary and secondary coccidioidomycotic pleuritis. Poster presentation. Pulmonary Pathology Society Biennial Meeting, Grenoble, France

Non-idiopathic forms of pulmonary fibrosis with a UIP pattern: Clues to distinguish UIP of IPF from potential mimics. Invited Speaker, Department of Pathology, University of Arizona, Tucson, Arizona

Non-idiopathic forms of pulmonary fibrosis with a UIP pattern: Clues to distinguish UIP of IPF from potential mimics. Invited Speaker, Continuing Medical Education Rounds. Department of Pathology, University of Calgary and Alberta Health Services, Calgary, Alberta, Canada

Distribution of interstitial lung diseases in the elderly: a clinicopathologic analysis of 107 patients at least 75 years old requiring surgical lung biopsy (2000-2012). Poster presentation. United States & Canadian Academy of Pathology Annual Meeting, San Diego, California

Morphologic patterns of cardiac amyloid deposition correlate with amyloid subtype as confirmed by mass spectrometry: a proteomic and histologic analysis of 108 cases. Poster presentation. United States & Canadian Academy of Pathology Annual Meeting, San Diego, California

Publications:

Larsen BT, Klein JRH, Hornychová H, Nuti R, Thirumala S, Leslie KO, Colby TV, Tazelaar HD. Diffuse intrapulmonary malignant mesothelioma masquerading as interstitial lung disease: a distinctive variant of mesothelioma. Am J Surg Pathol. 2013 Oct;37(10):1555-64.

Larsen BT, Edwards WD, Jensen MH, Johnson CH, McBane RD, Harmsen WS, Maleszewski JJ. Surgical pathology of hypothernar hammer syndrome with new pathogenetic insights: a 25 year institutional experience with clinical and pathologic review of 67 cases. Am J Surg Pathol. 2013 Nov;37(11):1700-8.

Larsen BT, Bishop MC, Hunter GC, Renner SW. Low grade metastasizing splenic littoral cell angiosarcoma presenting with hepatic cirrhosis and splenic artery aneurysm. Int J Surg Pathol. 2013 Dec;21(6):618-26.

Sakata KK, **Larsen BT**, Boland JM, Palen B, Muhm JR, Helmers RA, Tazelaar HD. Nitrofurantoin-induced granulomatous interstitial pneumonia. Int J Surg Pathol. 2013 [*in press*]

Driver SL, Jouni H, **Larsen BT**, Burkhart HM, McBane RD, McCully RB. "Popcorn thrombus": a case of massive intracardiac thromboembolism. Heart. 2014 Mar;100(6):520-1.

Shekhel TA, Ricciotti RW, Blair JE, Colby TV, Sobonya RE, **Larsen BT**. Surgical pathology of pleural coccidioidomycosis: a clinicopathological study of 36 cases. Hum Pathol. 2014 [*in press*]

Maleszewski JJ, **Larsen BT**, Kip NS, Castonguay MC, Edwards WD, Carney JA, Kipp BR. PRKAR1A in the development of cardiac myxoma: a study of 110 cases including isolated and syndromic tumors. Am J Surg Pathol. 2014 [*in press*]

Hartjes KA, Li X, Martinez-Fernandez A, Roemmich AJ, **Larsen BT**, Terzic A, Nelson TJ. Selection via pleuropotency-related transcriptional screen minimizes the influence of somatic origin on iPSC differentiation propensity. Stem Cells. [*in press*]

Revelo P, **Larsen BT**. Aspiration. In: Diagnostic Pathology: Non-neoplastic Pediatrics. Putnam AR, Editor. Philadelphia: Lippincott Williams & Wilkins, 2014. 6/32-5. (Book chapter)

Revelo P, **Larsen BT**. Cystic fibrosis. In: Diagnostic Pathology: Non-neoplastic Pediatrics. Putnam AR, Editor. Philadelphia: Lippincott Williams & Wilkins, 2014. 6/24-7. (Book chapter)

Revelo P, **Larsen BT**. Diffuse pulmonary lymphangiomatosis. In: Diagnostic Pathology: Non-neoplastic Pediatrics. Putnam AR, Editor. Philadelphia: Lippincott Williams & Wilkins, 2014. 6/12-5. (Book chapter)

Larsen BT. Separation of benign and malignant spindle cell proliferations in the pleura. In: Encyclopedia of Pathology: Pulmonary Pathology. Van Krieken H, Editor-in-Chief; Allen TC, Section Editor, Pleura. New Delhi: Springer, 2014. (Book chapter) *[in press]*