

AGUSTÍN PIMENTEL
Curriculum Vitae 2014

PERSONAL INFORMATION

Business Address Sylvester Comprehensive Cancer Center
1475 NW 12th Ave Suite 3300
Miami, FL 33136
Business Phone 305-243-6626

PROFESSIONAL EXPERIENCE

12/2013 – Present Assistant Professor of Clinical Medicine
Division of Hematology/Oncology
University of Miami Miller School of Medicine
Sylvester Comprehensive Cancer Center
07/2009 – 06/2010 Chief Medical Resident / Junior Faculty Member
Internal Medicine Program
The Reading Hospital and Medical Center

POSTGRADUATE TRAINING

7/2013 – 11/2013 Research Fellow
Sylvester Comprehensive Cancer Center / University of Miami / Jackson
Memorial Hospital
07/2010 – 6/2013 Hematology and Medical Oncology Fellowship Program
Jackson Memorial Hospital / University of Miami Miller School of Medicine
Miami, Florida
07/2006 – 06/2009 Internal Medicine Residency Program
The Reading Hospital and Medical Center
West Reading, PA
05/2004 – 05/2006 Internal Medicine Residency Program
Sanatorio Otamendi Hospital
Buenos Aires, Argentina

EDUCATION

03/1996 – 12/2002 **University of Buenos Aires School of Medicine.** Buenos Aires, Argentina
Doctor of Medicine (MD)

CERTIFICATIONS

- 11/14/2013 **Board certified in Hematology**
American Board of Internal Medicine
- 11/13/2013 **Board certified in Medical Oncology**
American Board of Internal Medicine
- 09/2013 **ACLS**
American Heart Association
Jackson Memorial Hospital
- 09/2013 **BLS**
American Heart Association
Jackson Memorial Hospital
- 08/27/2009 **Board certified in Internal Medicine**
American Board of Internal Medicine
- 10/2006 **ATLS**
American College of Surgeons
University of Pennsylvania Health System
- 12/02/2005 **ECFMG Certification**
(Educational Commission for Foreign Medical Graduates)

LICENSURE AND REGISTRATION

Florida Medical License - ME 107167. 05/14/2010 – present
Drug Enforcement Administration (DEA) License. 07/2009 – present
Pennsylvania Medical License - MD 437454. 06/12/2009 – 12/31/2010

EXTRACURRICULAR ACTIVITIES

- 10/2009 **Clinical Laboratory Elective in Hemostasis**
Professor Dr. M. Elaine Eyster, Director Central Pennsylvania Hemophilia Center
Penn State Milton S. Hershey Medical Center
- 11/2008 **Clinical Rotation in the Center for Hematologic Malignancies & Bone Marrow Transplant Service.** Dr. Gajewski and Dr. Maziarz
Oregon Health & Science University Hospital
- 01/2004 **Observership in the Department of Hematology & Medical Oncology, Bone Marrow Transplant Service.** Dr. Melissa Alsina
H. Lee Moffitt Cancer Center & Research Institute, University of South Florida, Tampa, Florida

HONORS & AWARDS

High score in Hematology Board Exam (10th Decile) conducted by the American Board of Internal Medicine.

High score (>95 Percentile) in 2013 United States In-Service Exam for Medical Oncology Fellows, conducted by American Society of Clinical Oncology (ASCO).

Academic Excellence Award for Outstanding Grades in Clinical Core Clerkships (3rd top in school class), J.A. Fernandez Hospital, University of Buenos Aires. December 2002.

Selected as Teaching Assistant in the Pharmacology Department, University of Buenos Aires School of Medicine. Chair: Professor Dr. Rodolfo Rothlin. 02/2000 – 09/2002.

PROFESSIONAL SOCIETIES

American Medical Association (AMA)
American Society of Hematology (ASH)
American Society of Clinical Oncology (ASCO)
International Society on Thrombosis & Haemostasis (ISTH)

QUALITY IMPROVEMENT PROJECTS

Hospital-Acquired VTE prevention.

At the Reading Hospital & Medical Center.
Date begun: Aug. 2008. Completion date: June, 2010.

Advance Directive Care Planning.

At the Reading Hospital Outpatient Clinic.
Date begun: Aug. 2007. Completion date: June, 2008.

Colon Cancer Screening Guidelines.

At the Reading Hospital Outpatient Clinic.
Date begun: Aug. 2006. Completion date: June, 2007.

ONGOING RESEARCH & PROJECTS

Anti-angiogenic properties of novel endostatin fusion proteins through effects on gene expression in human endothelial cells (HUVEC) and solid tumor models. University of Miami Miller School of Medicine, FL.

A preclinical study to investigate the anti-angiogenic properties of antibody-endostatin fusion proteins developed in UM laboratory; with the objective to gain further understanding on how these novel agents regulate angiogenesis through their effects on RNA and gene expression first in human endothelial cells (HUVEC) , and subsequently solid tumors models including triple-negative breast cancer, uveal melanoma, ovarian cancer, and glioblastoma cell lines.

Clinical Features and Outcome of Adult T-cell Leukemia / Lymphoma: University of Miami Experience. Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine, FL.

This is the largest single institution retrospective analysis of ATLL patients to date in the U.S. We studied patient characteristics, treatment patterns, and disease outcome of a large cohort of ATLL patients diagnosed over the past 25 years in the University of Miami Health System and Jackson Memorial Hospital. Over 125 ATLL cases has been analyzed for their disease subtypes, clinical features, molecular markers, and treatment outcomes to chemotherapy and/or antiviral therapy with AZT/IFN α therapy. Preliminary findings of this study were selected for Oral Presentation at the 16th International Conference on Human Retrovirology HTLV and Related Viruses.

CD30 Expression and Survival Outcomes in Adult T-cell Leukemia-Lymphoma Subtypes.

Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine, Miami, FL. CD30 is a marker of activated T-cells that participates in regulating memory cells, and it is involved in multiple regulatory functions predominantly through the activation of NF- κ B. This is a historic cohort study of CD30 expression in ATLL cases at initial diagnosis conducted in the University of Miami. A second part of the study consisted of the evaluation of CD30 expression as a potential marker for prognosis and disease behavior in ATLL subtypes. Study results were selected for Poster Presentation at the 2013 International Conference on Human Retrovirology HTLV and Related Viruses and the 2013 ASH Annual Meeting.

IRF-4/MUM-1 Expression as a Predictive Biomarker in Adult T-cell Leukemia-Lymphoma

Subtypes. Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine, Miami, FL.

IRF-4/MUM-1 expression has been associated with interferon resistance in preclinical studies, and is a poor prognostic marker in some lymphomas. A cohort of ATLL cases was analyzed for IRF-4/MUM-1 expression using immunohistochemistry, or western blot analysis in some cases where fresh or DMSO preserved ATLL cells were not available. The expression of IRF-4/MUM-1 was investigated and correlated with treatment outcome in ATLL subtypes with the purpose to evaluate IRF-4/MUM-1 as a potential biomarker for treatment selection in ATLL.

Results were selected for Poster Presentation at the 2013 ASH Annual Meeting.

Genomic Alterations in Adult T-Cell Leukemia-Lymphoma. Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine, Miami, FL.

A comprehensive genomic analysis of 47 ATLL patient tumor specimens was performed using high-density oligonucleotide array comparative genomic hybridization (CGH) to study the distinct patterns of genetic aberrations in ATLL endemic in the Western World. Study results were selected for Poster Presentation at the 2014 ASH Annual Meeting.

LECTURE PRESENTATIONS

Transdifferentiation of Glioblastoma Stem-Like Cells into Mural Cells Drives Vasculogenic Mimicry in Glioblastomas.

Journal Club Presentation, Batchelor Children's Research Institute, University of Miami, August 5, 2013.

Effects of Angiogenesis Inhibitors on Vascular Network Formation by Human Endothelial and Melanoma Cells.

Journal Club Presentation, Batchelor Children's Research Institute, University of Miami, January 26, 2013.

Relapsed Hairy Cell Leukemia.

Hematology Grand Rounds, Sylvester Comprehensive Cancer Center, University of Miami, November 14, 2012.

Primary Central Nervous System Lymphoma.

Hematology Grand Rounds, Sylvester Comprehensive Cancer Center, University of Miami, February 1, 2012.

Use EGFR MoAb therapy in patients with KRAS G13D mutations.

Journal Club Presentation, Sylvester Comprehensive Cancer Center, University of Miami, January 19, 2012.

Hemophagocytic Lymphohistiocytosis: pathogenesis, diagnosis, and treatment of a specific histiocytic disorder.

Hematology Grand Rounds, Sylvester Comprehensive Cancer Center, University of Miami, April 13, 2011.

Antithrombin III deficiency: manifestations, diagnosis, and treatment options.

Hematology Grand Rounds, Sylvester Comprehensive Cancer Center, University of Miami, January 26, 2011.

Central Nervous System Disease in Langerhans Cell Histiocytosis.

Hematology Grand Rounds, Sylvester Comprehensive Cancer Center, University of Miami, July 28, 2010.

Hypereosinophilic syndrome.

Hematology Grand Rounds, Sylvester Comprehensive Cancer Center, University of Miami, July 14, 2010.

Hospital-Acquired VTE prevention.

Medical Grand Rounds, The Reading Hospital & Medical Center. May 24, 2009

A 58 yo male presenting with diffuse abdominal pain: Utilization of Observation Units.

Morbidity & Mortality Conference, The Reading Hospital & Medical Center. February 12, 2009.

Role of Thrombolytic Therapy in massive and non-massive Acute Pulmonary Embolism.

Journal Club Conference, The Reading Hospital & Medical Center. April 7, 2008.

High-risk diagnostic panel in newly diagnosed Multiple Myeloma.

Journal Club Conference, Academia Nacional de Medicina, Buenos Aires. August 2007.

Obesity-related glomerulopathy.

Chief Rounds Conference, The Reading Hospital & Medical Center. April 9, 2007.

ORAL & POSTER PRESENTATIONS

Pimentel A, O'Hara A, De Lima R, Xu S, Toomey N, Brites C, Fan YS, Ramos JC. Distinct Patterns of Genomic Alterations in Adult T-Cell Leukemia-Lymphoma Endemic in the Western World.

Abstract selected for Poster Presentation at the 56th ASH Annual Meeting, December 6, 2014, San Francisco, CA.

Zhang Y, Morgan R, Shin SU, Cho HM, Al Bayati A, Pimentel A, Rosenblatt JD. Tumor Educated B cells Acquire Immune Suppressive Function and Promote Tumor Growth.

Poster Presentation at the 105th Annual Meeting of the American Association for Cancer Research; 2014 Apr 7; San Diego, CA. Philadelphia (PA): AACR; 2014. Abstract 1672.

Pimentel A, Campuzano-Zuluaga G, Diaz LA, Chapman-Fredricks JR, Ramos JC. Clinical Features, Treatment Outcome, and Predictive Biomarkers In Adult T-Cell Leukemia/Lymphoma: University Of Miami Experience.

Poster Presentation at the 55th ASH Annual Meeting, December 7, 2013, New Orleans, LA.

Campuzano-Zuluaga G, Pimentel A, Diaz LA, Chapman-Fredricks JR, Ramos JC. CD30 expression is Associated with a Decreased Survival of Patients with Acute or Chronic Unfavorable Subtypes of Adult T-cell Leukemia-Lymphoma.

Poster Presentation at the 55th ASH Annual Meeting, December 9, 2013, New Orleans, LA.

Pimentel A, Chapman-Fredricks JR, Ramos JC. Clinical Features and Outcome of Adult T-cell Leukemia / Lymphoma: University of Miami Experience.
Oral Presentation at the 16th International Conference on Human Retrovirology HTLV and Related Viruses, June 27, 2013, Montreal, Canada.

Campuzano-Zuluaga G, Pimentel A, Chapman-Fredricks JR, Ramos JC. Differential CD30 Expression in Adult T-cell Leukemia-Lymphoma Subtypes.
Poster Presentation at the 16th International Conference on Human Retrovirology HTLV and Related Viruses, June 29, 2013, Montreal, Canada.

Shin SU, Cho HM, Pimentel A, Al Bayati A, Zhang, Y, Morgan R, Rosenblatt JD. Inhibition of angiogenesis and vasculogenic mimicry in solid tumors using antibody-human endostatin fusion proteins.
Poster Presentation at the 14th Annual Sylvester Cancer Research Poster Session, May 17, 2013, Miami.

Zhang Y, Morgan R, Shin SU, Cho HM, Al Bayati A, Pimentel A, Rosenblatt JD. Tumor Educated B cells Acquire Immune Suppressive Function and Promote Tumor Growth.
Poster Presentation at the 14th Annual Sylvester Cancer Research Poster Session, May 17, 2013, Miami.

Mustafa A, Donato A, Pimentel A, Olaoye B. Myxedema Coma: A rare but important cause of altered mental status in elderly patients.
Oral Presentation at 5/15/09 National SGIM meeting.

Pimentel A, Donato A. A blind loop that needed a better look: A duodenal mass in a patient with Von Recklinghausen's disease.
Poster Presentation at 03/2008 Regional SGIM meeting.

Pimentel A, Scheirer J. Ovarian vein thrombosis and pulmonary embolism presenting as a puerperal fever and severe back pain.
Poster Presentation at 11/2007 Regional ACP meeting.

Pimentel A, Scheirer J. Cecal carcinoma and iliopsoas abscess presenting as fever of unknown origin.
Poster Presentation at 11/2006 Regional ACP meeting.

Pimentel A, Chilelli E, Gutierrez V, Tagliapietra V, Brunetti P, Gnocchi C. Absceso epidural espinal y oligoartritis séptica asociado a endocarditis infecciosa sobre marcapasos.
Poster Presentation at 10/2005 Argentinean Society of General Internal Medicine Meeting (SAMIG), Buenos Aires, Argentina. Abstract published in *Medicina Buenos Aires* 2005; 65:14 (supl. I).

PAPERS & PUBLICATIONS

Yehuda ED, Dammrich D, Fabregas CJ, Pimentel A, Stefanovic A, Hoffman JE. **Clinical Experience Of Lenalidomide Plus Low Dose Dexamethasone As First-Line Therapy For Multiple Myeloma At a Large County Hospital Caring For An Indigent Population.**
Abstract selected for online publication in *Blood* on the ASH abstracts site (ASH Annual Meeting Abstracts), 2013.

Strasfeld L, Espinosa-Aguilar L, Gajewski J, Stenzel P, Pimentel A, Mater E, Maziarz RT. **Emergence of Cunninghamella As a Pathogenic Invasive Mold Infection in Allogeneic Transplant Recipients.**

Published in *Clinical Lymphoma, Myeloma and Leukemia*. 2013 July 10. PMID: 23850285.

Pimentel A, Velez M, Barahona L, Swords R, Lekakis L. **New prospects for Drug Development – The Hedgehog Pathway revealed. Focus on Hematologic Malignancies.** Published in *Future Oncology*, 2013 May; 9(5):681-97. PMID: 23647297.

Uribe Bojanini E, Loaiza-Bonilla A, Pimentel A. **Prekallikrein Deficiency Presenting as Recurrent Cerebrovascular Accident: Case Report and Review of the Literature.** Published in *Case Reports in Hematology*, Aug 2012:723204. PMID: 22953077.

Pimentel A, Haupt R, Sihelnik SA, Kimmel WB, Swierczynski SL. **Focal Langerhans Cell Histiocytosis (LCH) Coexisting with Renal Cell Carcinoma.** Published in *Journal of Clinical Oncology*. 2011, 29(5):e107-9. PMID: 21098320.

Pimentel A, Forman DA, Swierczynski SL, Donato AA, Le B. **Intracerebellar Granulocytic Sarcoma Presenting as a First Manifestation of Relapse in Chronic Myelogenous Leukemia (CML) During Imatinib Mesylate Therapy: A Case Report and Literature Review.** Published online in *Blood* on the ASH abstracts site (ASH Annual Meeting Abstracts), 2009. 114 (22): Abstract 4289.

Belloti FJ, Blanco JB, Caamaño M, Pezzutti LA, Pimentel A, Scacchi PA. **Sistema de Salud en España.** Published in “*Sociedad Argentina de Administración de Organizaciones de Atención de la Salud y Salud Pública*”, Journal of The Argentine Medical Association. 2001; volume 4: 48-58.

LANGUAGES

Spanish