1. PUBLICATIONS:

Refereed Original Article in Journal


A. Books, Monographs and Chapters


B. Patents held:


C. Other Articles: N/A

D. Abstracts


9. Boukhar, S and Aviv H: The ABL1 and JAK tyrosine kinase pathways may be co-activated in BCR/ABL1 positive acute lymphoblastic leukemia. Pathology graduation poster, June 2015.


D. Reports - N/A
E. PRESENTATIONS:
  A. Scientific (Basic Science):
  C. Department of Genetics, Rutgers University Research seminar: Topics in hematologic Malignancies-Plasma Cell Myeloma (2011).
D. 36th Annual Meeting of the Association of Genetic Technologists (AGT): Searching for IgH fusion partners in plasma cell myeloma (2011)


I. 42nd Biennial American Cytogenetics Conference (ACC): Separation of myeloid and T-cells prior to FISH analysis in blood samples from patients undergoing hematopoietic stem cell transplantation. 2012

J. 41st Biennial American Cytogenetics Conference (ACC): Detection of cytogenetic abnormalities by FISH after isolation of Plasma Cells. 2010

K. 40th Biennial American Cytogenetics Conference (ACC): Classification of Multiple Myeloma into prognostic groups based on karyotypes and FISH. 2008


M. 38th Biennial American Cytogenetics Conference (ACC): Detection of translocations specific for Burritt’s lymphoma with MYC and IgH-MYC probes. 2004

N. 37th Biennial American Cytogenetics Conference (ACC): Deletions adjacent to the 9;22 translocation arise during disease progression. 2002

O. 36th Biennial American Cytogenetics Conference (ACC): Selection of a specific karyotype in cultured vascular endothelial cells. 2000

B. Professional (Clinical):
Pathology residents, RWJMS:
1. Series of lectures on topics related to constitutional genetics, genetics of solid tumors and hematological neoplasms, including acute and chronic myeloid and lymphoid neoplasms, lymphomas and plasma cell myeloma. (4-6 presentations/year) 2005-present.
2. Pathology residents, UMDNJ-New Jersey Medical School, Newark, NJ: Two annual lectures on topics related to Cytogenetic approach to evaluation of hematological malignancies. 1996-2010.

Neonatology residents and fellows:
Lecture topics:
2. Array CGH (2009)

Maternal/fetal medicine/OBGYN combined conference:
Lecture topics:

Other presentations:
1. Robert Wood Johnson University Hospital’s Technology and Technique Cancer Working Group: “Overview of the proposed Cytogenetic program at RWJUH.” 2004
2. Robert Wood Johnson University Hospital’s Technology and Technique Fall Forum: “Overview of the proposed Cytogenetic program at RWJUH.” 2004
3. Board of Directors Professional Affairs Committee, RWJUH, “Cytogenetic Program at RWJ.” 2005

C. Journal reviews:
   Journal of Urology:
   1. Complex chromosome rearrangement 46,XY,der(9)t(Y;9)(q12;p23) in a girl with sex reversal and mental retardation. (June 2010)
   2. Sex-Reversed Acampomelic Campomelic Dysplasia with a homozygous deletion mutation in SOX9 gene. (May 2011)
   3. A novel androgen receptor (AR) gene mutation in a patient with complete androgen insensitivity syndrome (CAIS). (December 2011)
   4. Ewing Sarcoma of the Kidney: A case series and literature review of an often overlooked entity in the diagnosis of primary renal tumors (September 2012)
   5. Impact of Prostate Specific Antigen on a Baseline Prostate Cancer Risk Assessment Including Genetic Risk (May 2014)

   Cancer Genetics:
   1. Microarray, Gene Sequencing and RT-PCR Analysis of a Cryptic PML-RARA Translocation (May 2012)

   Histology and Pathology:
   2. Review of renal carcinoma with t(6;11)(p21;q12-13) with focus on clinical and pathobiological aspects (August 2012)