

# Wednesday, May 22th

## ► POSTER SESSION 3

### **P57. Madeline Halpin**

TAIRE Kinase Inhibition Downregulates Canonical Wnt/ $\beta$ -catenin Signaling in Acute Myeloid Leukemia (AML)  
The Ohio State University

### **P58. Melanie L. Goetz**

Therapeutic potential of p300/CBP inhibition in epigenetic-mutant Acute Myeloid Leukemia  
Thomas Jefferson University

### **P59. Angela Youn**

Modeling Clonal Hematopoiesis in RUNX1 Familial Platelet Disorder with Associated Myeloid Malignancies (RUNX1-FPDMM)  
Perelman School of Medicine, University of Pennsylvania

### **P60. Tao Zhen**

Enhancing RUNX1's DNA binding is a critical step for leukemogenesis by CBF $\beta$ -SMMHC  
National Human Genome Research and National Institutes of Health

### **P61. Xiaodi Wu**

Patient-Derived Xenograft Modeling of CEBPA-Mutated Acute Myeloid Leukemia Nominates Therapeutic Vulnerabilities  
Memorial Sloan Kettering Cancer Center

### **P62. Sarah Taylor**

Biallelic Cebp $\alpha$  Mutations Alter Chromatin Accessibility and STAT Activity  
Oregon Health & Science University

### **P63. Yu-Hsuan Chang**

SETDB1 Suppresses Interferon Responses and NK Cell-mediated Immunosurveillance Specifically in Monocytic AML  
Graduate School of Frontier Sciences

### **P64. Nirmalya Saha**

SETDB1 mediated gene regulation contributes to methionine demand in leukemia  
University of Michigan Medical School

### **P65. Sagarajit Mohanty**

Transcriptional control of myeloid differentiation trajectories in AML  
Memorial Sloan-Kettering Cancer Center

### **P66. Sipra Panda**

Elucidating the role of CFBF-MYH11 in maintenance of Inv(16) AML  
University of Nebraska Medical Center

### **P67. Franchesca Fonseca-Lanza**

The ENL YEATS epigenetic reader domain critically links MLL-ENL to leukemic stem cell frequency in t(11;19) Leukemia  
University of Michigan

**P68. Samantha A. Swenson**

HMGB3, a Novel Regulator of Leukemia Proliferation  
University of Nebraska Medical Center

**P69. Chia Sharpe**

Comparison of Npm1cA; Ptpn11E76K and Npm1cA; FIt3ITD – two fully immunocompetent in vivo models of AML  
University of Cincinnati

**P70. Emma Uible**

The zymogen form of Caspase-1 is required to finetune excessive cell-intrinsic inflammation in acute myeloid leukemia  
Cincinnati Children's Hospital Medical Center

**P71. Eric Wang**

Aberrant 3'UTR mRNA isoforms suppress leukaemia differentiation.  
University of Connecticut Health Center

**P72. Chiharu Ishikawa**

The ubiquitin-conjugating enzyme UBE2N is essential for myeloid leukemogenesis by stabilization oncorequisite protein networks  
Cincinnati Children's Hospital Medical Center

**P73. Eric Vick**

IRAK4 Deficiency Results in Sensitivity to the CELMoD CC-885 through a c-MYC-dependent Mechanism in Myeloid Malignancies  
Cincinnati Children's Hospital Medical Center

**P74. Tomoya Muto**

Metabolic reprogramming regulated by TRAF6 contributes to the leukemia progression  
Chiba University Hospital, Chiba University Graduate School, National Cancer Center Research Institute

**P75. Upendarrao Golla**

Rho Kinase Inhibitor Induces Reactive Oxygen Species (ROS) and alter Mitochondrial Respiration in Acute Myeloid Leukemia (AML) Cells  
Pennsylvania State University College of Medicine

**P76. Xiaotian Zhang**

HOXA9 regulates 3D genomic structure in acute myeloid leukemia.  
The University of Texas Health Science Center

**P77. Xufeng Chen**

Transcriptional regulation of cytotoxic T-cell responses in acute myeloid leukemia  
New York University

**P78. Kellen Gil**

STAT3 modulates mitochondrial function and plays a critical role in survival of AML Stem Cells.  
University of Colorado, School of Medicine

**P79. Courtney Jones**

Regulation of Protein Glutathionylation is Essential for Leukemia Stem Cell Function  
Cincinnati Children's Hospital Medical Center

**P80. Ashley Cochran**

Defective Necroptosis Mediates Chemotherapy Resistance in AML  
Cincinnati Children's Hospital Medical Center

**P81. Junya Sango**

RAS-mutant AML LSCs originate from GMPs and drive clinical resistance to BH3 mimetics  
Icahn school of Medicine at Mount Sinai

**P82. Yuhong Ma**

Chaperone-mediated autophagy licenses leukemic stem cell activity through lysosomal cysteine recycling  
Albert Einstein College of Medicine

**P83. Vincent Rondeau**

Spermidine Metabolism Regulates Leukemia Stem Cell Function Through KAT7 Expression  
Cincinnati Children's and Medical Center

**P84. Ana Vujovic**

Characterization of Intensive Chemotherapy Versus Venetoclax/Azacitidine Relapsed Acute Myeloid Leukemia  
Using High Resolution Single-cell Trimodal Sequencing  
University of Colorado School Medicine

**P85. Manyi Wei**

The RBM15-MKL1 fusion protein induces acute megakaryoblastic leukemia via regulating expression of  
Frizzled genes.”

**P86. Tomasz Skorski**

Inactivation of DNA Polymerase Theta (Pol $\theta$ ) Is Synthetic Lethal in DNMT3A Mutated Myeloid Malignancies –  
Potential Clinical Applications.  
Temple University

**P87. Sayantani Sinha**

Evaluating R-loop-associated vulnerabilities in splicing factor mutant myeloid malignancy  
Fred Hutchinson Cancer Center

**P89. Ke Wang**

Quiescent Stem-Like Signature in NUP98-NSD1 Fusion-Driven Leukemia Reveals Vulnerabilities in Oxidative  
Phosphorylation