

Dr. Francesca Peruzzi
Associate Professor Department of Medicine

Education

Universita' degli Studi di Siena	Dr. in Biological Science	1992	Virology
Universita' degli Studi di Siena	National Board of Biology	1993	
Universita' degli Studi di Siena	PhD	2006	Molecular and Quantitative Diagnostic Pathology

Post-Doctoral Fellowships: University of Camerino 1992-1994
Department of Cell Biology
Camerino, Italy

Temple University School of Medicine 1994-1997
Department of Microbiology and Immunology
Philadelphia, Pennsylvania

Thomas Jefferson University 1997-1999
Kimmel Cancer Center
Department of Microbiology and Immunology
Philadelphia, Pennsylvania



Dr. Peruzzi has more than 20 years' experience in molecular biology and signal transduction pathways in HIV-associated neurological disorders (HAND) and cancer research. Through collaborations with HIV researchers at LSU Health New Orleans, she is researching the role of plasma miRNAs as biomarkers for HIV-associated cognitive disorders in substance-using HIV positive patients. Most recently, her research team has developed a protocol to study circulating miRNAs in HIV/AIDS patients and pioneered the search of miRNA biomarkers for cognitive deficits in HIV/AIDS patients. She is also overseeing the investigations of immune dysfunction in HIV patients.

Dr. Peruzzi also works with undergraduate and graduate students on molecular biology and signaling. As an LSU Health New Orleans graduate faculty member, she collaborates with the

Microbiology and Genetics Graduate Programs on the development of new lectures supporting existing teaching activities. She developed and co-directed an advanced course on the molecular mechanisms of neuroprotection and loss for MD/PhD students at Temple University School of Medicine. She has served as a PhD thesis advisor for five students, an master's thesis advisor for one student, and a member of an MS thesis advisory committee for six students. She also is a member of the Research Advisory Committee and of the Junior Faculty Guidance and Mentoring Committee

Membership in Professional Organizations:

American Association for Cancer Research 1998-present
International Society for Neurovirology 2001- 2014
Society for Neuroscience 2005- 2015
Society for NeuroImmune Pharmacology 2011- 2017
Research Society on Alcoholism 2012- 2014