

## **Keith R. Jerome, MD, PhD**

Professor and Head, Virology Division, Department of Laboratory Medicine and Pathology, University of Washington

Professor, Vaccine and Infectious Disease Division, Fred Hutchinson Cancer Research Center

Dr. Keith R. Jerome is Head of the Virology Division in the University of Washington Department of Laboratory Medicine and Pathology and a member of the combined program in Infectious Disease Sciences/Virology at the Fred Hutchinson Cancer Research Center. He received his M.D. and Ph.D. degrees from Duke University. He completed his postgraduate training in Laboratory Medicine and Virology at the University of Washington. Dr. Jerome's clinical focus is on the diagnosis of viral infections and the role the laboratory can play in improved patient care.

Dr. Jerome leads UW Virology, the diagnostic virology program at the University of Washington. Under his guidance the program has designed and implemented molecular testing assays for a wide variety of human viruses, including SARS-CoV-2, HIV, hepatitis B and C, enterovirus, BK virus, and cytomegalovirus. The laboratory provides diagnostic support for transplant and other patients in the Pacific Northwest, and throughout the country through its reference testing services. Today UW Virology is a leader in the local response to the COVID-19 pandemic.

In addition to his clinical efforts, Dr. Jerome also has an active basic science program at Fred Hutch. His laboratory is pioneering the use of DNA-editing endonucleases as a potentially curative therapy for previously incurable viral infections including HIV, hepatitis B, human papillomavirus, and herpesvirus infections. He currently serves as co-PI of defeatHIV, one of three NIH-funded Martin Delaney Collaboratories dedicated to developing curative therapies for HIV.