

Paulo Verardi, Ph.D.

Department Head and Associate Professor of Virology and Vaccinology at University of Connecticut

Storrs, CT, US

Expert on vaccine development & virology (Smallpox, Rinderpest, Zika, coronaviruses, Rift Valley, Powassan, SFTSV, Heartland, & more)

Biography

Dr. Verardi is a virologist who specializes in vaccine research and development. He is a Department Head and Associate Professor at UConn and a member of the Center of Excellence for Vaccine Research. Dr. Verardi studied Biological Sciences at the Federal University of Rio Grande do Sul in Brazil before earning his Ph.D. in Molecular Virology from the University of California, Davis. He has a broad background in molecular biology, virology, and immunology, with an interest in vaccine and immunotherapeutic vector development. He has worked on vaccinia virus immunomodulating genes, cytokines as attenuating and immunoenhancing agents, the development of a vaccinia virus-based vaccine for rinderpest, safer and more efficacious vaccine vectors for smallpox and AIDS, vaccines and design of safer and diagnostics for Rift Valley fever, foot-and-mouth disease, porcine reproductive and respiratory syndrome, and more recently Zika virus, SARS-CoV-2 (COVID-19), and a number of other mosquito- and tick-borne agents.

Areas of Expertise

COVID-19, Mosquito-borne Diseases, Tick-borne Diseases, Zika, Smallpox, Emerging Infectious Diseases, Vaccines, Virology

Education

University of California

Ph.D Comparative Pathology (Molecular Virology)

Federal University of Rio Grande do Sul

B.S. Biological Sciences

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