

Special Issue

Cold-Blooded: The Roles of Ectotherms in the Ecology of Vector-Borne Disease

Message from the Guest Editor

Ectothermic vertebrates—reptiles and amphibians—are largely overlooked in regard to their roles in the ecology of vector-borne zoonotic disease. These animals are diverse, abundant, ancient, and bitten by a wide variety of vector arthropods. Due to their temperature-driven activity, growth, and metabolism, reptiles and amphibians interact with viruses and blood-feeding arthropods in a manner that is intrinsically different than their endothermic vertebrate counterparts (birds and mammals). This Special Issue will highlight interactions between vector arthropods and ectotherms and the unique and surprising roles that reptiles and amphibians play in the transmission ecology of zoonotic vector-borne pathogens.

Guest Editor

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