



Dr. Jeffrey C. Mariner is a veterinary epidemiologist currently working at the International Livestock Research Institute. While working at Tufts Cummings School of Veterinary Medicine in the 1980s and 90s, he developed a thermostable rinderpest vaccine that was subsequently adopted by the Global Rinderpest Eradication Program (GREP) as the vaccine of choice in the rinderpest eradication. As part of the field implementation of control programs, Dr. Mariner championed community-based approaches to vaccination and participatory approaches disease surveillance that addressed key constraints to disease control in remote and often politically unstable areas of the world. The integration of thermostable vaccine biotechnology and innovation in animal health institutions were key contributions to the eradication of rinderpest in 2011, only the second disease to be globally eradicated.

Dr. Mariner currently coordinates the Participatory Epidemiology Network for Animal and Public Health and conducts action research on appropriate surveillance and control measures for Peste des Petits Ruminants (PPR or small ruminant plague) in preparation for the progressive control of PPR.

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