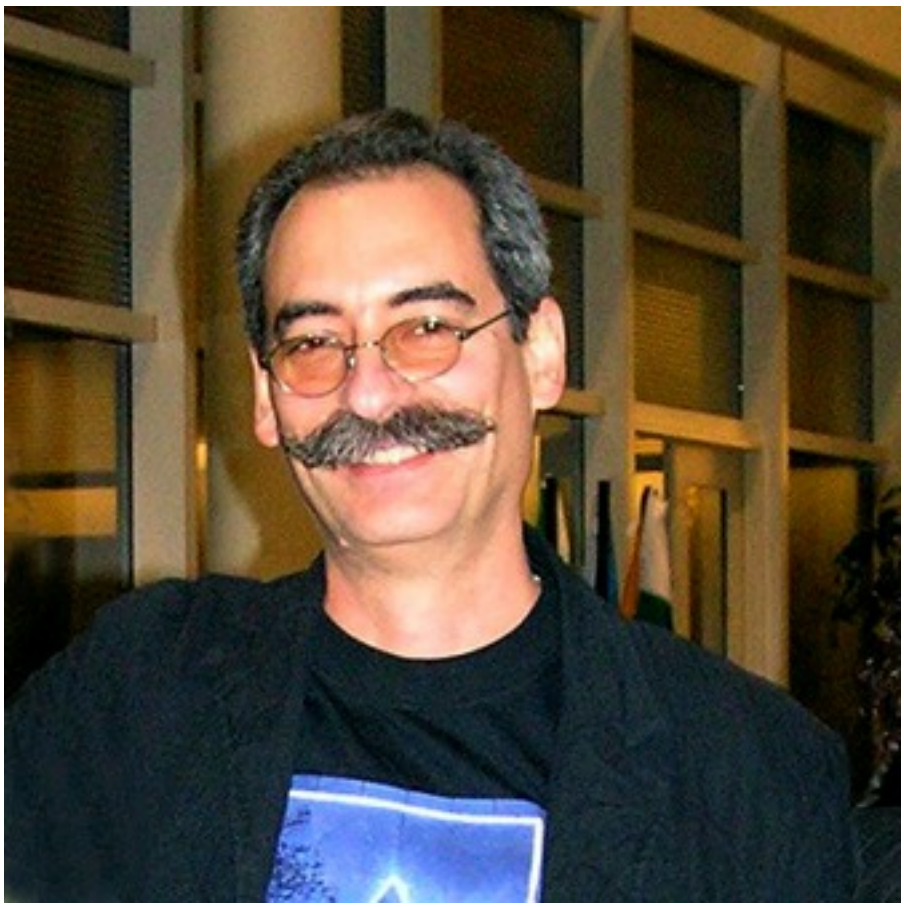
Favorite Tick and Why: *Rhipicephalus (Boophilus) microplus* because this is the most important cattle tick in tropical and subtropical regions of the world and the first tick species subject of my studies.



Favorite Tick and Why: *Rhipicephalus (Boophilus) microplus* because this is the most important cattle tick in tropical and subtropical regions of the world and the first tick species

subject of my studies.

Education:

Faculty of Physics. Moscow State University 1979 - 1981Physics
Faculty of Physics. University of Havana, Cuba Physicist 1984 Physics
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Positions and Employment:

1986 - 1987 Institute for Molecular Biology I. ETH. Zurich University. Honggerberg 8093. Switzerland. Research assistant with Prof. Charles Weissmann.

1987 - 1991 Center for Genetic Engineering and Biotechnology (Centro de Ingeniería Genética y Biotecnología, CIGB). P.O.Box 6162. Havana 6, Cuba. Senior Scientist. Head of the

Mammalian Cell Genetics Division.

1991 - 1992 Institute for Molecular and Cellular Biology. Division of Molecular Biology. Osaka University. 1-3 Yamadaoka, Suita-shi, Osaka 565, Japan. Matsumae International Foundation fellowship recipient with Prof. Tadatsugu Taniguchi.

1992 - 1998 Center for Genetic Engineering and Biotechnology. P.O.Box 6162. Havana 6, Cuba. Director for Research & Development.

1998 - 1999 Center for Genetic Engineering and Biotechnology. P.O.Box 6162. Havana 6, Cuba. Senior Scientist, Mammalian Cell Genetics Division.

2000 – present Research Professor. Department of Veterinary Pathobiology, Center for Veterinary Health Sciences, Oklahoma State University. Stillwater, OK 74078-2007, U.S.A.

2002 – present Visitng Professor. Instituto de Investigación en Recursos Cinegéticos, IREC (CSIC-UCLM-JCCM), Ronda de Toledo s/n, 13071 Ciudad Real, Spain.

Area of Research Expertise: Molecular Biology, Systems Biology, Biotechnology

Research Interests: Infectious diseases. Molecular approaches to the study of host-vector-pathogen interactions, gene regulation, pathogenesis, functional genomics, evolution and immunology. Ticks and tick-borne diseases. Tuberculosis and other pathogenic intracellular bacteria. Vaccinology. Biotechnology.

Teaching: Molecular Biology

Selected Publications: (**Last 3-5 years)**

de la Fuente, J., Blouin, E. F., Kocan, K. M. 2003. Infection exclusion of the rickettsial pathogen, *Anaplasma marginale*, in the tick vector, *Dermacentor variabilis*. Clinical and Diagnostic Laboratory Immunology 10: 182-184.

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