

JOSÉ ALVARO AGUILAR SETIÉN

POSITION TITLE

Senior Researcher Head of the laboratory of Immuno-virology | Unit of medical research in immunology, Pediatric Hospital 21st Century National Medical Center | Mexican Institute of Social Security



RESEARCH AND PROFESSIONAL EXPERIENCE:

Research Assistant, Instituto Nacional de Investigaciones Pecuarias (Ministry of Agriculture, Mexico). 1975-1977.

Senior Researcher, Unidad de Investigación Médica en Inmunología, Coordinación de Investigación, Instituto Mexicano del Seguro Social (IMSS, Mexico). 1982-present

Professor of virology, Facultad de Estudios Superiores Cuautitlán, UNAM, Mexico. 1981- present.

Advisor, Centro de Investigaciones Disciplinarias en Microbiología (Ministry of Agriculture, Mexico). 1982-1999.

Consultant, Instituto Interamericano de Cooperación para la Agricultura, Organization of American States (OEA), Guatemala, Guatemala. 1988-1989.

Advisor (Research and Development), Productora Nacional de Biológicos Veterinarios, (National Laboratory for Veterinary Vaccines Production, Ministry of Agriculture, Mexico). 1989-1993.

EDUCATIO:

Universidad Nacional Autónoma de México UNAM (Mexico) **DVM** 1976.

University of Liege (Belgium) **PhD** 1983 Immunology



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HONORIFIC TITLES/POSITIONS

2017- Member of The “Academia Nacional de Medicina de México”

2005. Infarvet-Conacyt Award, granted by the National Chamber of the Pharmaceutical Industry (Mexico)

1997. “Jorge Rosenkranz” Award, granted by Roche Sintex.

2011-present. Corresponding Member of The Royal Academy of Medicine of Belgium.

1992-present. Member of The National Council of Animal Health, Mexico.

1991-present. Member of The “Academia Veterinaria Mexicana AC”

1989-present. Member of The Editorial Committee of Veterinaria México.

1985-present. Member of The Sistema Nacional de Investigadores, level III (Mexico)

LAST 10 SCIENTIFIC PAPERS

WALTER S, RASCHE A, MOREIRA-SOTO A, PFAENDER S, BLETSA M, CORMAN VM, **AGUILAR-SETIEN A**, GARCÍA-LACY F, HANS A, TODT D, SCHULER G, SHNAIDERMAN-TORBAN A, STEINMAN A, RONCORONI C, VENEZIANO V, RUSENOVA N, SANDEV N, RUSENOV A, ZAPRYANOVA D, GARCÍA-BOCANEGRA I, JORES J, CARLUCCIO A, VERONESI MC, CAVALLERI JM, DROSTEN C, LEMEY P, STEINMANN E, DREXLER JF. **Differential infection patterns and recent evolutionary origins of equine hepaciviruses in donkeys**. J Virol. 2016 Dec 16;91(1). pii: e01711-16. Print 2017 Jan 1.

SCHULTE FISCHEDICK FB, STUCKEY MJ, **AGUILAR-SETIÉN A**, MORENO-SANDOVAL H, GALVEZ-ROMERO G, SALAS-ROJAS M, ARECHIGA-CEBALLOS N, OVERGAAUW P, KASTEN RW, CHOMEL BB. **Identification of Bartonella species isolated from rodents from Yucatan, Mexico and isolation of Bartonella vinsonii subsp. yucatanensis subsp. nov.** Vector Borne Zoonotic Dis. 2016 Oct;16(10):636-42. doi: 10.1089/vbz.2016.1981. Epub 2016 Sep 14.

SÁNCHEZ JH, MARTÍNEZ HA, GARCÍA MM, GARRIDO G, GÓMEZ L, **AGUILAR SETIÉN A**, DE ANDRÉS DF, REINA E, RAMÍREZ H. **The presence of small ruminant lentiviruses in Mexican Pelibuey sheep**. Theriogenology, 2016, <http://dx.doi.org/10.1016/j.theriogenology.2016.06.017>

GALLARDO-ROMERO NF, ARÉCHIGA CEBALLOS N, EMERSON GL, MARTÍNEZ-MARTÍNEZ FO, DOTY JB, NAKAZAWA YJ, RENDÓN-FRANCO E, MUÑOZ GARCÍA C, VILLANUEVA GARCÍA C, RAMÍREZ-CID C, GAMA-CAMPILLO LM, GUAL-SILL F, **AGUILAR-SERTIÉN A**, CARROLL D. **Endemic orthopoxvirus circulating in procyonids in Mexico**. J Wildl Dis, 2016; 53 (3): DOI: 10.7589/2015-10-291

AGUILAR PIERLÉ S, OBREGON MORALES C, PEREA MARTÍNEZ L, ARÉCHIGA CEBALLOS N, PÉREZ RIVERO JJ, LÓPEZ DÍAZ O, BRAYTON K, **AGUILAR SETIÉN A**. **Novel Waddlia Intracellular Bacterium in Artibeus intermedius Fruit Bats, Mexico** . Emerg Infect Dis,. 2015; 21, (12): 2161-2163.

ARÉCHIGA CEBALLOS N, KARUNARATNA D, **AGUILAR SETIÉN A**. **Control of canine rabies in developing countries: key features and animal welfare implications**. OIE Rev Sci Tech. 2014 Apr;33(1):311-321.

JOHNSON N, ARÉCHIGA-CEBALLOS N, **AGUILAR-SETIEN A**. **Vampire bat rabies: ecology, epidemiology and control**. Viruses. 2014 Apr 29;6(5):1911-1928.

SOTOMAYOR-BONILLA J, CHAVES A, RICO-CHÁVEZ O, ROSTAL MK, OJEDA-FLORES R, SALAS-ROJAS M, **AGUILAR-SETIEN A**, IBÁÑEZ-BERNAL S, BARBACHANO-GUERRERO A, GUTIÉRREZ-ESPELETA G, AGUILAR-FAISAL JL, AGUIRRE AA, DASZAK P, SUZÁN G. **Dengue virus in bats from southeastern Mexico**. Am J Trop Med Hyg. 2014 Jul 2;91(1):129-131.

SALAS-ROJAS M, GALVEZ-ROMERO G, ANTON-PALMA B, ACEVEDO R, BLANCO-FAVELA F, **AGUILAR-SETIÉN A**. **The coelomic fluid of the sea urchin Tripneustes depressus shows antiviral activity against Suid herpesvirus type 1 (SHV-1) and rabies virus (RV)**. Fish Shellfish Immunol. 2014 Jan;36(1):158-163.

DREXLER JF, CORMAN VM, MÜLLER MA, LUKASHEV AN, GMYL A, COUTARD B, ADAM A, RITZ D, LEIJTEN LM, VAN RIEL D, KALLIES R, KLOSE SM, GLOZA-RAUSCH F, BINGER T, ANNAN A, ADU-SARKODIE Y, OPPONG S, BOURGAREL M, RUPP D, HOFFMANN B, SCHLEGEL M, KÜMMERER BM, KRÜGER DH, SCHMIDT-CHANASIT J, **SETIÉN AA**, COTTONTAIL VM, HEMACHUDHA T, WACHARAPLUESADEE S, OSTERRIEDER K, BARTENSLAGER R, MATTHEE S, BEER M, KUIKEN T, REUSKEN C, LEROY EM, ULRICH RG, DROSTEN C. **Evidence for novel hepaciviruses in rodents**. PLoS Pathog. 2013;9(6):e1003438. doi: 10.1371/journal.ppat.1003438. Epub 2013 Jun 20.

PEREA-MARTÍNEZ L, MORENO-SANDOVAL HN, MORENO-ALTAMIRANO MM, SALAS-ROJAS M, GARCÍA-FLORES MM, ARÉCHIGA-CEBALLOS N, TORDO N, MARIANNEAU P, **AGUILAR-SETIÉN A.** **Experimental infection of *Artibeus intermedius* bats with serotype-2 dengue virus.** *Comp Immunol Microbiol Infect Dis.* 2013 Mar;36(2):193-198.