

# BIOGRAPHY

June 27, 2012



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**Title and name**

Dr Stéphan Zientara

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**Nationality**

French

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**Panel**

Animal Health and Welfare (AHAW)

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**Education**

- DVM, 1983-1987. Nantes veterinary school.
- Certificate in Statistics in human Biology, 1987
- Diploma in Medical Virology, Pasteur Institute, 1988
- Diploma in Epidemiology of infectious diseases, Pasteur Institute, 1988
- Diploma in General Virology, Pasteur Institute, 1990.
- PhD in molecular Virology, University Henri-Poincaré Nancy I, 1992-1995
- French post-graduation degree allowing research management, University Claude Bernard, Lyon 1 (n° 35-2001), 2001.

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**Scientific and risk assessment experience**

Stéphan Zientara, DVM, PhD, HDR has a 23 years experience in animal virology (in particular in Foot-and-mouth, Bluetongue, African horse sickness virus, West Nile, Schmallenberg virus and equine viral diseases). He has been involved in 12 European projects and is a member of several EU Scientific working-groups. He is the head of the European reference lab on equine diseases and head of the OIE reference lab on EHDV. He is the author of more than 100 publications in international scientific peer-reviewed articles.

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**Main scientific publications**

the main areas of Zientara's publications is virology and in particular diagnosis, epidemiology and pathogenesis

ZIENTARA S., SAILLEAU C., MOULAY S., CRUCIERE C. 1994. Diagnosis of the African horse sickness virus serotype 4 by one-tube, one-manipulation RT-PCR reaction from infected organs. J. Virol. Methods, 46 (2), 179 - 188.

J.M. GRIMES, J. N. BURROUGHS, P. GOUET, J.M. DIPROSE, R. MALBY, S. ZIENTARA, P.C. MERTENS and D.I. STUART. 1998. The atomic structure of the bluetongue virus core. Nature, vol 395, 470-478.

B. MURGUE, S. MURRI, S. ZIENTARA, J. LABIE, B. DURAND, J. P. DURAND AND H. ZELLER. 2001. West Nile in France in 2000 : the return 38 years later. *Emerging infectious diseases*, 7(4), 692-696.

HOUSSAM ATTOUI, CORINNE SAILLEAU, FAUZIAH MOHD JAAFAR, MOURAD BELHOUCHE, PHILIPPE BIAGINI, JEAN FRANÇOIS CANTALOUBE, PHILIPPE DE MICCO, PETER MERTENS and STÉPHAN ZIENTARA. 2007. The complete nucleotide sequence of Middelburg virus isolated from the spleen of a horse with severe clinical disease in Zimbabwe, *J General Virology*, 88 (Pt 11), 3078-88.

SUSHILA MAAN, NARENDER S. MAAN, NATALIE ROSS-SMITH, CARRIE A. BATTEN, ANDREW E. SHAW, SIMON. J. ANTHONY, ALAN SAMUEL, KARIN E. DARPEL, EVA VERONESI, CHRIS A.L. OURA, KARAM SINGH, KIKI NOMIKOU, CHRISTIANE POTGIETER, HOUSSAM ATTOUI, EUGENE VAN ROOIJ, PIET VAN RIJN, KRIS DE CLERCQ, FRANK VANDENBUSSCHE, STÉPHAN ZIENTARA, EMMANUEL BRÉARD, CORINNE SAILLEAU, MARTIN BEER, BERND HOFFMAN, PHILIP S. MELLOR, PETER P.C. MERTENS. 2008. Sequence analysis of bluetongue virus serotype 8 from the Netherlands 2006 and comparison to other European strains. *Virology*, 377(2):308-318

ISABELLE SCHWARTZ-CORNIL, PETER P.C. MERTENS, VANESSA CONTRERAS, BEHZAD HEMATI, FLORENTINA PASCALE, EMMANUEL BRÉARD, PHILIP S. MELLOR, N. JAMES MACLACHLAN, STÉPHAN ZIENTARA 2008. Bluetongue virus: *Virology, physiopathology and immunity*. *Veterinary Research*, 39(5); 39-46.

MICHELLE REMOND, BRUNO DA COSTA, SABINE RIFFAUT, SATYA PARIDA, EMMANUEL BREARD, FRANÇOISE LEBRETON, STEPHAN ZIENTARA, BERNARD DELMAS. 2009. Infectious bursal disease subviral particles displaying the foot-and-mouth disease virus major antigenic site. *Vaccine*, Volume 27, Issue 1, 93-98.

STÉPHAN ZIENTARA, N JAMES MACLACHLAN, PAOLO CALISTRI, JOSE-MANUEL SANCHEZ-VIZCAINO, GIOVANNI SAVINI. 2010. Bluetongue Vaccination in Europe. *Expert Review of Vaccines*, 9(9), 989–991.

STEWART M., BHATIA Y., ATHMARAN T.N., GASTALDI C., DUBOIS E., RUSSO P., THIÉRY R., ZIENTARA S. and P. Roy. 2010. Validation of a novel approach for the rapid production of immunogenic virus-like particles for bluetongue virus. *Vaccine*, 28, 3047–3054.

VITOUR D, GUILLOTIN J, SAILLEAU C, VIAROUGE C, DESPRAT A, WOLFF F, BELBIS G, DURAND B, BAKKALI-KASSIMI L, BREARD E, ZIENTARA S, ZANELLA G 2011. Colostral antibody induced interference of inactivated bluetongue serotype-8 vaccines in calves. *Veterinary Research*, 42(1):18.