

# BAKKALI KASSIMI Labib PhD, HDR

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## Personal Data and contact Details

**Family name** : Bakkali Kassimi  
**First name** : Labib  
**Date of birth** : 08/01/1962  
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## Education

**2006** HDR: French post-doctoral degree allowing its holder to supervise PhD students, University ParisVII. Subject: "Virology and anthroozoonosis: encephalomyocarditis virus"  
**1994** PhD in Virology, University Paris VII. Subject: "Organization of genes coding for non-structural proteins of the virus of classical swine fever and differential diagnosis of pestivirus"

## Professional skills/special skills

### **Main Expertise:**

Virology; Molecular biology; Animal Disease diagnostics – **Since 1999**

Foot-and-Mouth Disease and Vesicular Diseases laboratory diagnostics – **Since 2009**

Quality assurance – Since 2009

**Member of EuFMD Special Committee on Research and Development – 2011-2018**

**OIE Reference Laboratory Expert for Foot and Mouth Disease - Since June 2015**

**Languages:** French, English, Arabic

## Current research area

- Improvement of FMD diagnosis.
- Mechanism of FMDV persistence.
- Development of new FMD vaccine approaches.

## Current position

Deputy Head of the Joint Research Unit of virology (UMR1161) – **Since 2009**

Head of research team "Biology of Picornaviruses" – **Since 2009**

Deputy Head of FMD/SVD/VSD National Reference Laboratory – **Since 2009**

Head of OIE reference laboratory for Foot and Mouth Disease – **Since June 2015**

Head of FAO reference centre for Foot and Mouth Disease – **Since February 2018**

Head of EU Reference Laboratory for Foot and Mouth Disease – **Since January 2019**

## Publications and Communications

### **Publications for the last 3 years:**

Ullah A, Jamal SM, Romey A, Gorna K, Kakar MA, Abbas F, Ahmad J, Zientara S, Bakkali-Kassimi L. Genetic Characterization of Serotypes A and Asia-1 Foot-and-mouth Disease Viruses in Balochistan, Pakistan, in 2011. *Transbound Emerg Dis.* 2017 Oct;64(5):1569-1578. doi: 10.1111/tbed.12548.

Romey, A. Relmy, K. Gorna, E. Laloy, S. Zientara, S. Blaise-Boisseau, L. Bakkali Kassimi. Safe and cost-effective protocol for shipment of samples from Foot-and-Mouth Disease suspected cases for laboratory diagnostic. *Transbound Emerg Dis.* 2017; 1-8.

Breard E, Garnier A, Despres P, Blaise Boisseau S, Comtet L, Viarouge C, Bakkali-Kassimi L, Pourquier P, Hudelet P, Vitour D, Rossi S, Belbis G, Sailleau C, Zientara S. (2017). Development of a Double-Antigen Microsphere Immunoassay for Simultaneous Group and Serotype Detection of Bluetongue Virus Antibodies. *Transbound Emerg Dis.* 2017 Dec;64(6):1837-1847. doi: 10.1111/tbed.12578. Epub 2016 Sep 25. IF 2016 : 3.585

De Vleeschauwer Annebel R., Xiaociu Zhou, David J. Lefebvre, Garnier A., Fleur Watier, Charly Pignon, Lacour S., Zientara S., Bakkali-Kassimi L., Kris De Clercq, Klonjowski B. 2018. "A canine adenovirus type 2 vaccine vector confers protection against Foot-and-Mouth disease in guinea pigs". *Vaccine* Mar 12. pii: S0264-410X(18)30261-5. doi: 10.1016/j.vaccine.2018.02.074. [Epub ahead of print]. IF 2017 : 3.235

Bachanek-Bankowska K, Di Nardo A, Wadsworth J, Mioulet V, Pezzoni G, Grazioli S, Brocchi E, Kafle SC, Hettiarachchi R, Kumarawadu PL, Eldaghayes IM, Dayhum AS, Meenowa D, Sghaier S, Madani H, Abouchoaib N, Hoang BH, Vu PP, Dukpa K, Gurung RB, Tenzin S, Wernery U, Panthumart A, Seeyo KB, Linchongsubongkoch W, Relmy A, Bakkali-Kassimi L, Scherbakov A, King DP, Knowles NJ. Reconstructing the evolutionary history of pandemic foot-and-mouth disease viruses: the impact of recombination within the emerging O/ME-SA/Ind-2001 lineage. *Sci Rep.* 2018 Oct 2;8(1):14693. doi: 10.1038/s41598-018-32693-8

Pfaff F, Hägglund S, Zoli M, Blaise-Boisseau S, Laloy E, Koethe S, Zühlke D, Riedel K, Zientara S, Bakkali-Kassimi L, Valarcher JF, Höper D, Beer M, Eschbaumer M. Proteogenomics Uncovers Critical Elements of Host Response in Bovine Soft Palate Epithelial Cells Following In Vitro Infection with Foot-And-Mouth Disease Virus. *Viruses.* 2019 Jan 12;11(1). pii: E53. doi: 10.3390/v11010053. IF 2018 : 3.761

Sara Hägglund, Eve Laloy, Katarina Näslund, Florian Pfaff, Michael Eschbaumer, Aurore Romey, Anthony Relmy, Annika Rikberg, Anna Svensson, Helene Huet, Kamila Gorna, Daniela Zühlke, Katharina Riedel, Martin Beer, Stephan Zientara, Labib Bakkali Kassimi, Sandra Blaise-Boisseau, Jean François Valarcher, Model of persistent foot-and-mouth disease virus infection in multilayered cells derived from bovine dorsal soft palate, *Transbound Emerg Dis.* 2019 ; 00 :1-16 ; DOI 10.1111/tbed.13332

**Several communications in meetings**

**Several expert missions**

**Member of the editorial board of the Open Veterinary Journal**

**Reviewer of several veterinary and virology journals.**