

**PUBLICATIONS ON FMD and SVD (decreasing chronological order)**  
**Full papers on international refereed journals**

1. Efrem Alessandro Foglia, Tengiz Chaligava, Tamilla Aliyeva, Satenik Kharatyan, Vito Tranquillo, Carsten Pöttsch, Cornelis van Maanen, Fabrizio Rosso, Santina Grazioli, Emiliana Brocchi  
Evaluation of Two Vaccines against Foot-and-Mouth Disease Used in Transcaucasian Countries by Small-Scale Immunogenicity Studies Conducted in Georgia, Azerbaijan and Armenia  
*Vaccines (Basel)*. 2024 Mar 12;12(3):295 [https://doi: 10.3390/vaccines12030295](https://doi.org/10.3390/vaccines12030295)
2. Simone Cavalera, Eugenio Alladio, Efrem Alessandro Foglia, Santina Grazioli, Barbara Colitti, Sergio Rosati, Chiara Nogarol, Fabio Di Nardo, Thea Serra, Valentina Testa, Claudio Baggiani, Giampietro Maccabiani, Emiliana Brocchi, Laura Anfossi  
Experimental design for the development of a multiplex antigen lateral flow immunoassay detecting the Southern African Territory (SAT) serotypes of foot-and-mouth disease virus. *Microchimica Acta (2024)* 191:9  
<https://doi.org/10.1007/s00604-023-06090-6>
3. Jacquelyn Horsington, Elke Abbeloos, Labib Bakkali Kassimi, Kingkarn Boonsuya Seeyo, Alejandra V. Capozzo, Eunice Chepkwony, Phaedra Eblé, Sabrina Galdo-Novo, Daniel Gizaw, Lizelle Gouverneur, Santina Grazioli, Livio Heath, Pascal Hudelet, Joseph M. K. Hyera, Martin Ilott, Alasdair King, David J. Lefebvre, David Mackay, Samia Metwally, Frank N. Mwiine, Charles K. Nfon, Min-Kyung Park, Edviges Maristela Pituco, Fabrizio Rosso, Francisco Simon, Hussaini G. Ularanu, Paul Vermeij, Wilna Vosloo and Donald P. King Application of the Nagoya Protocol to veterinary pathogens: concerns for the control of foot-and-mouth disease. *Frontiers in Veterinary Science* November 2023 Volume 10 - 2023 <https://doi.org/10.3389/fvets.2023.1271434>
4. Fadila Abosrer, Giulia Pezzoni, Emiliana Brocchi, Anna Castelli, Stefano Baselli, Santina Grazioli, Hafsa Madani, Elfurgani Kraim, Abdunaser Dayhum, Ibrahim Eldaghayes  
FTA Cards as a Rapid Tool for Collection and Transport of Infective Samples: Experience with Foot-and-Mouth Disease Virus in Libya  
*Animals (Basel)*. 2022 Nov 18;12(22):3198. doi: 10.3390/ani12223198
5. Artur Summerfield, Heidi Gerber, Rebeka Schmitt, Matthias Liniger, Santina Grazioli, Emiliana Brocchi  
Relationship between neutralizing and opsonizing monoclonal antibodies against foot-and-mouth disease virus  
*Front Vet Sci*. 2022 Oct 12;9: 1033276. doi: 10.3389/fvets.2022.1033276
6. Anna B. Ludi, Alison Morris, Simon Gubbins, Amin Asfor, Madeeha Afzal, Clare F. Browning, Santina Grazioli, Efrem Alessandro Foglia, Ginette Wilsden, Alison Burman, Emiliana Brocchi, David J. Paton, Donald P. King  
Cross-serotype reactivity of ELISAs used to detect antibodies to the structural proteins of foot-and-mouth disease virus  
*Viruses*. 2022 Jul 8;14(7):1495. doi: 10.3390/v14071495.PMID: 35891476
7. Canini, Laëtitia, Blaise-Boisseau Sandra, Di Nardo Antonello, Shaw Andrew, Romey Aurore, Relmy Anthony, Bernelin-Cottet Cindy, Salomez Anne-Laure, Haegeman Andyd, Ularanu Hussainie, Madani Hafsaf, Ouoba Bruno Lalidia  
Identification of diffusion routes of O/EA-3 topotype of foot-and-mouth disease virus in Africa and Western Asia between 1974 and 2019 – a phylogeographic analysis  
*Transboundary and Emerging Diseases* 2022 Jun 3;69(5): e2230-e2239. doi:10.1111/tbed.14562
8. Ming Yang, Leanne McIntyre, Wanhong Xu, Emiliana Brocchi, Santina Grazioli, Kathleen Hooper-McGrevy, Charles Nfon  
Validation of a competitive enzyme-linked immunosorbent assay to improve the serological diagnosis of swine vesicular disease. *Can J Vet Res*. 2022 Apr;86(2):157-161.PMID: 3538822
9. Pezzoni G, Calzolari M, Foglia EA, Bregoli A, Nardo AD, Sghaier S, Madani H, Chiapponi C, Grazioli S, Relmy A, Bakkali Kassimi L, Brocchi  
Characterization of the O/ME-SA/Ind-2001d foot-and-mouth disease virus epidemic recorded in the Maghreb during 2014-2015.  
*E. Transbound Emerg Dis*. 2022 Jun 10. doi: 10.1111/tbed.14611

10. Andrew E Shaw \*, Alison Burman, Amin Asfor, Emiliana Brocchi, Santina Grazioli, Clare Browning, Anna Ludi, Tobias J Tuthill, Donald P King  
Avidity of polyclonal antibodies to foot-and-mouth disease virus in bovine serum measured using Bio-Layer interferometry. *Viruses* 2022, 14, 714. <https://doi.org/10.3390/v14040714>
11. Simone Cavallera, Alida Russo, Barbara Colitti, Sergio Rosati, Chiara Nogarol, Efrem Alessandro Foglia, Santina Grazioli, Giulia Pezzoni, Fabio Di Nardo, Thea Serra, Matteo Chiarella, Claudio Baggiani, Emiliana Brocchi and Laura Anfossi  
Design of multiplexing lateral flow immunoassay for detection and typing of foot-and-mouth disease virus using pan-reactive and serotype-specific monoclonal antibodies: evidence of a new hook effect  
*Talanta*. 240(2022) 123155 doi: 10.1016/j.talanta.2021.123155
12. Foglia EA, Lembo T, Kazwala R, Ekwem D, Shirima G, Grazioli S, Brocchi E, Pezzoni G Combining Multiple Assays Improves Detection and Serotyping of Foot-and-Mouth Disease Virus. A Practical Example with Field Samples from East Africa. *Viruses*. 2021 Aug 10;13(8):1583. doi: 10.3390/v13081583
13. Giulia Pezzoni, Arianna Bregoli, Chiara Chiapponi, Santina Grazioli, Antonello Di Nardo, Emiliana Brocchi. Retrospective Characterization of the 2006–2007 Swine Vesicular Disease Epidemic in Northern Italy by Whole Genome Sequence Analysis. *Viruses* 2021, 13,1186. <https://doi.org/10.3390/v13071186>
14. Pezzoni G, Benedetti D, Bregoli A, Barbieri I, Foglia EA, Grazioli S, Brocchi E.  
Diagnostic performances of different genome amplification assays for the detection of swine vesicular disease virus in relation to genomic lineages that circulating in Italy. *Viruses* 2020, 12, 1336; <http://doi:10.3390/v12111336>
15. Clare F. J. Browning, Antonello Di Nardo, Lissie Henry, Tim Pollard, Lynne Hendry, Aurore Romey, Anthony Relmy, Phaedra Eble, Emiliana Brocchi, Santina Grazioli, Donald P. King, and Anna B. Ludi.  
Inter-laboratory comparison of 2 ELISA kits used for foot-and-mouth disease virus nonstructural protein serology. *Journal of Veterinary Diagnostic Investigation* 2020 Oct7:1  
<https://doi.org/10.1177/1040638720962070>
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