

## CONGRESS PROCEEDING ON FMD (decreasing chronological order)

1. S Berryman, A Asfor, A Yasmin, C Grant, A Ludi, E Perez, E Benham, N Howe, A Burman, E Brocchi, S Grazioli, D King, T Tuthill Foot-and-Mouth Disease vaccine quality: A universal test for intact antigen based on detection of VP4 OS24 – Open Session 2024 of the EuFMD Standing Technical Committee; 29-31 Ottobre 2022, Alcalá de Henares, Spain
2. A.B. Ludi, G., Wildsden, S. Grazioli, E.M. Pituco, L. Heath, P. Eble, A. Dekker, C. Browning, K. ParekhS. Metwally, C.V. Maanen, D.J. Paton, N. Knowles, A. Di Nardo, D.P. King Regionally relevant reference FMD viruses for post vaccination studies OS24 – Open Session 2024 of the EuFMD Standing Technical Committee; 29-31 Ottobre 2022, Alcalá de Henares, Spain
3. E. A. Foglia, G. Maccabiani, C. van Maanen, V. Tranquillo, T Trogu, E. M. Bennour, M. Hashem, N. A. Osman, M. Khalifeh, M. S. Al Ameer, M. S. F. Bintarif, S. A. Salah, S. Baiomy, F. Ambrosini, F. Rosso, S. Grazioli Evaluation of the duration of the immune response induced by FMD vaccination in Jordan OS24 – Open Session 2024 of the EuFMD Standing Technical Committee; 29-31 Ottobre 2022, Alcalá de Henares, Spain
4. T. Trogu, G. Ferrari, A. Abdulkader, M. Younan, D. Jaffan, E. A. Foglia, S. Baiomy, C. Van maanen, H. A. Mansour, A. A Yousif, E. Bennour, N. A. Osman, M. Khalifeh, F. Rosso, S. Grazioli Post-vaccination monitoring in north-western Syria (2022) OS24 – Open Session 2024 of the EuFMD Standing Technical Committee; 29-31 Ottobre 2022, Alcalá de Henares, Spain
5. Nb. Singanallur NB, M. Scaramuzza, S. Grazioli, P Eble, A. Dekker, AM. Lee, W. Vosloo Validation of two commercial FMD NSP ELISA assays for use in small ruminants (sheep and goats) OS24 – Open Session 2024 of the EuFMD Standing Technical Committee; 29-31 Ottobre 2022, Alcalá de Henares, Spain
6. A.Romey, E.A.Foglia, Al.Salomez, A.Relmy, C.Bernelin-Cottet, G.Girault, S.Grazioli, I. Bakkali Kassimi and S.Blaise-Boisseau Safe cost-effective shipment of FMDV suspected samples to diagnostic laboratories: evaluation of the process on LFD produced by different manufacturers OS24 – Open Session 2024 of the EuFMD Standing Technical Committee; 29-31 Ottobre 2022, Alcalá de Henares, Spain
7. Anna Castelli, Elena Facchini, Manuel Corsa, Efrema Alessandro Foglia, Giampietro Maccabiani, Tiziana Trogu, Santina Grazioli, Divine Ekwem, Tiziana Lembo, Giulia Pezzoni Point-of-care diagnostics: evaluation of a rapid and cost-effective dipstick-based method for fmdv rna purification OS24 – Open Session 2024 of the EuFMD Standing Technical Committee; 29-31 Ottobre 2022, Alcalá de Henares, Spain
8. Ea Foglia, E Filippini, G Pezzoni Development of a reverse transcription - recombinase polymerase amplification (rt-rpa) for the on-field detection of foot-and-mouth disease virus OS24 – Open Session 2024 of the EuFMD Standing Technical Committee; 29-31 Ottobre 2022, Alcalá de Henares, Spain
9. Jozhel Baguisi Valérie Mioulet Elizabeth Henry, Harry Bull, Britta Wood, Amy Mccarron, Donald king, Efrema A. Foglia, Santina Grazioli, Andrew Bentham, Kerry Mitchell, Alison Wakeham Lateral flow devices for the detection of fmdv and approaches for field

preparation OS24 – Open Session 2024 of the EuFMD Standing Technical Committee; 29-31 Ottobre 2022, Alcalá de Henares, Spain

10. Abdelaziz Yassin, Santina Grazioli, Emiliana Brocchi, Daniel Horton, Anna Ludi, Donald King, Amin Asfor Characterisation of a neutralising (D9-like) epitope within the G-H loop of Foot-and-mouth disease virus serotypes O, A and SAT1 - Microbiology Society – Annual Conference 2024 – Edinburgh, UK 8-11 April 2024
11. Concerted development of Lateral Flow Immunoassays detecting infectious diseases: the case of the foot-and-mouth disease (FMD) virus diagnosis and serotyping S. Cavalera, E. A. Foglia, S. Grazioli, S. Rosati, A. Russo, B. Colitti, C. Nogarol, F. Di Nardo, T. Serra, C. Baggiani, E. Brocchi, L. Anfossi- SCI 2024 XXVIII National congress Società chimica Italiana- Milano 26-30 Agosto 2024
12. Foglia EA, Mioulet V, Baguisi J, Bull H, İnel Turgut S, Sangula A, Anfossi L, Nogarol C, Cavalera S, Henry L, Pezzoni G, Rosati S, Bulut A, King D, Brocchi E, Grazioli S. Preliminary validation of multiplex Lateral Flow Devices LFD1 and LFD2 for on-field identification and serotyping of Foot-and-Mouth Disease viruses. 2023 Scientific Meeting of the Global Foot and Mouth Disease Research Alliance (GFRA) 8– 10 November, Kampala, Uganda
13. Paton D, Ludi A, King D, Wilsden G, Browning C, Belgrave S, Knowles N, Di Nardo A, Nwankpa N, Chitsungo E, Rahamatou C, Boukary M, Melesse GA, Bodjo SC, Grazioli S, Foglia EA, Brocchi E. Selection and use of a reference antigen panel to assess the regional relevance of foot-and-mouth disease vaccines in East Africa. 2023 Scientific Meeting of the Global Foot and Mouth Disease Research Alliance (GFRA) 8– 10 November, Kampala, Uganda
14. Mioulet V, Baguisi J, Henry E, Bull H, Wood B, McCarron A, King D, Foglia EA, Grazioli S, Bentham A, Mitchell K, Wakeham A. Lateral flow devices for the rapid detection of FMDV. 2023 Scientific Meeting of the Global Foot and Mouth Disease Research Alliance (GFRA) 8– 10 November, Kampala, Uganda
15. Foglia EA, Maccabiani G, van Maanen C, Tranquillo V, Trogu T, Bennour EM, Hashem M, Osman NA, Khalifeh M, Al Ameer MS, Bintarif MSF, Salah SA, Baiomy S, Ambrosini F, Rosso F, Grazioli S. Post Vaccination Monitoring (PVM) to assess the efficacy of the FMD vaccine used in Jordan. 2023 Scientific Meeting of the Global Foot and Mouth Disease Research Alliance (GFRA) 8– 10 November, Kampala, Uganda
16. Diagnostica point-of-care: valutazione di un metodo veloce ed economico basato su dipstick per la purificazione di rna virale di afta epizootica. Anna Castelli, Elena Facchini, Manuel Corsa, Roberto Benevenia, Giampietro Maccabiani, Santina Grazioli, Divine Ekwem, Tiziana Lembo, Giulia Pezzoni. XXII Congresso Nazionale Sidilv - Brescia 11-13 Ottobre 2023
- 17.18. Messa a punto di una reazione isotermica RT-RPA (Reverse Transcription - Recombinase Polymerase Amplification) per la rilevazione in campo del virus dell'afta epizootica. E. Filippini, G. Pezzoni, E.A. Foglia XXII Congresso Nazionale Sidilv - Brescia 11-13 Ottobre 2023

- 18.19. Recupero del virus integro dell'afta epizootica e del suo genoma da test rapidi di campo di tipo Lateral Flow Devices (LFD). E. A. Foglia, E. Filippini, G. Pezzoni, S. Grazioli XXII Congresso Nazionale Sidilv - Brescia 11-13 Ottobre 2023
19. Abdelaziz A. Yassin, Alison Burman, Santina Grazioli, Madeeha Afzal, David Paton, E Brocchi, Daniel Horton, Donald P. King, Amin S. Asfor Identification of a cross reactive epitope within the G-H loop of FMDV OS22 – EuFMD OPEN SESSION Special Edition; 26,27, 28 Ottobre 2022, Hybrid event/Marsiglia
20. EA Foglia, V Mioulet, S Inel Turgut, A Sangula, L Anfossi, C Nogarol, C Cavalera, L Henry, G Pezzoni, S Rosati, A Bulut, D King, E Brocchi, S Grazioli Preliminary validation of multiplex Eurasia lateral flow device for on-field identification and serotyping of Foot-And-Mouth Disease Viruses serotype O, A and Asia1 OS22 – EuFMD OPEN SESSION Special Edition; 26,27, 28 Ottobre 2022, Hybrid event/Marsiglia
21. EA Foglia, G Pezzoni, G Maccabiani, M Corsa, S Baselli, T Trogu, S Grazioli Correlation between virus neutralization test and Solid Phase Competitive ELISA on vaccinated animals. the impact of homology among Foot-And-Mouth Disease Virus strains behind vaccines and tests OS22 – EuFMD OPEN SESSION Special Edition; 26,27, 28 Ottobre 2022, Hybrid event/Marsiglia
22. Simone Cavalera, Giulia Pezzoni, Stefano Baselli, Santina Grazioli, Emiliana Brocchi, Barbara Colitti, Thea Serra, Valentina Testa, Sergio Rosati, and Laura Anfossi Preliminary evaluation of lateral flow immunoassay for the antigen detection of lumpy skin disease virus, OS22 – EuFMD OPEN SESSION Special Edition; 26,27, 28 Ottobre 2022, Hybrid event/Marsiglia
23. Castelli A, S. Baselli, M. Corsa, R. Benevenia, B. Zanetti, A. Bregoli, S. Grazioli, B. Hoffmann, J. Wolff, G. Pezzoni. Evaluation of the immunogenicity of three structural proteins of lumpy skin disease virus OS22 – EuFMD OPEN SESSION Special Edition; 26,27, 28 Ottobre 2022, Hybrid event/Marsiglia
24. Foglia Efrema Alessandro, Baselli Stefano, Brocchi Emiliana, Grazioli Santina, Pezzoni Giulia. Analysis of in vitro simultaneous replication of two serotypes of Foot-and-Mouth Disease Virus
25. EuroPic 2022: European study Group on the Molecular Biology of Picornaviruses 05/09 June 2022 Andrew E. Shaw, Alison Burman, Amin Asfor, Anna Ludi, Emiliana Brocchi, Santina Grazioli and Donald King. Exploring foot-and-mouth disease virus antibody interactions using biolayer interferometry. GFRA Scientific meeting of the Global Foot-and-Mouth Disease Research Alliance – 1-3 November 2021 – Virtual meeting
26. S. Berryman, A. Asfor, A. Yasmin, S. Grazioli, E. Brocchi and T. Tuthill A universal test for quality of conventional FMD vaccine: VP4 to distinguish between intact and dissociated antigen. GFRA Scientific meeting of the Global Foot-and-Mouth Disease Research Alliance – 1-3 November 2021 – Virtual meeting
27. Microbiosoc – 2021- Andrew Shaw, Alison Burman, Amin Asfor, Anna Ludi, Emiliana Brocchi, Santina Grazioli, Donald King - Exploring foot-and-mouth disease virus antibody interactions using biolayer interferometry.

28. E.A. Foglia, T. Chaligava, S. Kharatyan, G. Pezzoni, S. Grazioli, C. Pöttsch, F. Rosso, E. Brocchi. Field trial to estimate effectiveness of vaccination program against Foot-and-Mouth disease in Transcaucasian countries – Georgia and Armenia - OS20 – EuFMD OPEN SESSION Special Edition; 8, 10,15,17 Dicembre 2020, Virtual Event
29. S. Baselli, M. Sabino, G. Pezzoni, S. Grazioli, B. Hoffmann, J. Wolff, B. Zanetti, E.A. Foglia, A. Bregoli, E. Brocchi. Serological ELISAs based on monoclonal antibodies as diagnostic tools for Lumpy Skin Disease. OS20 – EuFMD OPEN SESSION Special Edition; 8, 10,15,17 Dicembre 2020, Virtual Event
30. E.A. Foglia, D. Ekwem, G. Pezzoni, M. Calzolari, S. Grazioli, J. Buza, G. Shirima, R. Reeve, E. Brocchi, T. Lembo. The role of local and regional livestock movements in Foot-and-Mouth Disease spread in East Africa. OS20 – EuFMD OPEN SESSION Special Edition; 8, 10,15,17 Dicembre 2020, Virtual Event
31. S. Grazioli, L. Anfossi, C. Nogarol, C. Cavalera, E.A. Foglia, G. Pezzoni, S. Rosati, E. Brocchi. A multiplex lateral flow device for on-field identification and serotyping of Foot-and-Mouth Disease virus. OS20 – EuFMD OPEN SESSION Special Edition; 8, 10,15,17 Dicembre 2020, Virtual Event
32. G. Pezzoni, E.A. Foglia, S. Grazioli, D. Ekwem, R. Kazwala, T. Lembo, G. Shirima, E. Brocchi. Diagnostic performance of Foot-and-Mouth Disease virus detection and serotyping assays with field samples from East Africa. OS20 – EuFMD OPEN SESSION Special Edition; 8, 10,15,17 Dicembre 2020, Virtual Event
33. Pezzoni G, Bregoli A, Abdulla ZS, Alhammadi Z, Capucci L, Grazioli S, Foglia EA, Khalafalla A, Almuhairi S, Brocchi E. Indirect ELISA for antibodies to Camel pox virus based on a p32 recombinant protein. 13th Annual Meeting EPIZONE, 26-28 August 2019 Berlino pp.131 (P8)
34. Brocchi E., Sabino M., Pezzoni G., Foglia E.A., Bregoli A., Capucci L., Grazioli S. Monoclonal antibodies as diagnostic tools for Lumpy Skin Disease. 13th Annual Meeting EPIZONE, 26-28 August 2019 Berlino pp.194 (P6)
35. Anfossi L., Grazioli S., Russo A., Nogarol C., Rosati S.\*, Brocchi E. “Sviluppo di un test rapido multiplex per l’identificazione e la tipizzazione di virus dell’Afta dei tipi O, A e Asia 1”. XIX Congresso della Società Italiana di Diagnostica di Laboratorio Veterinario-SIDiLV; 23-25 Ottobre 2019 Matera
36. E. A. Foglia, G. Pezzoni, S. Grazioli, A. Bregoli, E. Brocchi. Replication Dynamics of Mixed Foot-And-Mouth Disease Viruses in vitro. EuFMD Open Session 2018, 29-31 Ottobre 2018 - Borgo Egnazia, Puglia (Italia).
37. G. Pezzoni, A. Bregoli, S. Grazioli, I. Barbieri, E.A. Foglia, H. Madani, A. Omani, J. Wadsworth, K. Bachanek-Bankowska, N. J. Knowles, D. P. King, E. Brocchi. Foot-and-mouth disease outbreaks due to an exotic virus serotype a lineage (A/Africa/G-IV) in Algeria in 2017. EuFMD Open Session 2018, 29-31 Ottobre 2018 - Borgo Egnazia, Puglia (Italia).

- 38.E. Brocchi, N. Abouchoaib, M. Bugnetti, F. Rosso, A. Ripani, G. Pezzoni, S. Grazioli. Field trial to estimate the effectiveness of the vaccination program implemented in the Maghreb region. EuFMD Open Session 2018, 29-31 Ottobre 2018 - Borgo Egnazia, Puglia (Italia)
- 39.A.Morris, S. Grazioli, G. Pezzoni, G. Wilsden, C. Browning, A. Ludi, D. King, E. Brocchi. Investigating cross reativity of serological Enzyme Linked Immunoabsobent Assays. EuFMD Open Session 2018, 29-31 Ottobre 2018 - Borgo Egnazia, Puglia (Italia)
- 40.L. Henry, A. Morris, V. Mioulet, B. A. Wood, A. Gray, D. P. King, S. Grazioli, G. Pezzoni, E. Brocchi. Comparative performance of monoclonal and polyclonal-based antigen ELISAs for FMDV detection. EuFMD Open Session 2018, 29-31 Ottobre 2018 - Borgo Egnazia, Puglia (Italia)
- 41.A. Asfor, N. Howe, S. Grazioli, E. Brocchi and T. Tuthill. A simple universal test to quantitate 146s antigen during production of FMD vaccines. EuFMD Open Session 2018, 29-31 Ottobre 2018 - Borgo Egnazia, Puglia (Italia).
- 42.A. Asfor, N. Howe, S. Grazioli, G. Wilsden, A. Ludi, E. Brocchi, D. King, S. Parida, T. Tuthill. A novel VP2 peptide ELISA for universal detection of antibodies for FMD sero-surveillance. EuFMD Open Session 2018, 29-31 Ottobre 2018 - Borgo Egnazia, Puglia (Italia).
- 43.Ryan E, Zientara S, Kassimi Lb, Brocchi E, King D, De Clercq K Encouraging the use of vaccination-to-live as a control strategy for FMD outbreaks: perspectives and issues Open Session of the Standing Technical and Research Committees of the European Commission for the Control of Foot-and-Mouth Disease: the practice of innovation: 26th-28th October 2016 Cascais, Portugal.
- 44.Pezzoni G, Calzolari M, Sghaier S, Madani H, Chiapponi C, Grazioli S, Relmy A, Bakkali L, Foglia E, Brocchi E, Bugnetti M Antigenic and evolutionary analysis of FMD viruses from the 2014-2015 outbreaks in the Maghreb Region Open Session of the Standing Technical and Research Committees of the European Commission for the Control of Foot-and-Mouth Disease: the practice of innovation: 26th-28th October 2016 Cascais, Portugal.
- 45.Brocchi E, Sghaier S, Grazioli S, Pezzoni G, Bugnetti M Estimate of cross-protection provided by an FMDV O-BFS vaccine in the tunisian epidemiological context Open Session of the Standing Technical and Research Committees of the European Commission for the Control of Foot-and-Mouth Disease: the practice of innovation: 26th-28th October 2016 Cascais, Portugal. 2016.
- 46.Asfor A, Grazioli S, Brocchi E, King Dp, Parida S, Tuthill Tj Detection of antibodies against conserved capsid epitopes provides a universal serology assay for diagnosis of FMDV Europic 2016: Les Diablerets, Switzerland, September 4-8, 2016.
- 47.Eldaghayes I, Dayhum A, Kammon A, Sharif M, Ferrari G, Sumption K, King D, Grazioli S, Brocchi E Control Strategy of FMD In Libya and post-vaccination monitoring GFRA (Global Foot-and-Mouth Disease Research alliance) Congress 2015: Hanoi, 20-22 October 2015: P 49
- 48.Dayhum A, Eldaghayes I, Kammon A, Sharif M, Ferrari G, Conchedda G, Cinardi G, Sumption K, King D, Grazioli S, Brocchi E FMD serological survey in Libya and the

- circulating viruses Global Foot-and-Mouth Disease Research alliance (GFRA) Scientific Workshop: Hanoi, Vietnam, October 20-22, 2015: abstract book p 89
49. Van Maanen C, Habashi A, Ularamu H, Sangula A, Grazioli S, Brocchi E Diagnostic observations with IZSLER antigen ELISA kits for detection and serotyping of FMDV serotypes O, A, SAT1 and SAT2 in several African countries Where science and policy meet: FMD risk management in a world of changing disease landscapes: open session of the standing technical and research committees of the EuFMD : Cavtat, Croatia, 29-31 October 2014 : book of abstracts - p 150-151
  50. Eldaghayes I, Dayhum A, Kammon A, Sharif M, Ferrari G, Sumption K, King D, Grazioli S, Brocchi E. FMD in Libya and the control strategy Where science and policy meet: FMD risk management in a world of changing disease landscapes: open session of the standing technical and research committees of the EuFMD : Cavtat, Croatia, 29-31 October 2014 : book of abstracts .- p 166-167
  51. Dho G, Grazioli S, Bugnetti M, Pezzoni G, Maree Ff, Esterhuysen J, Chitray M, Scott K, Brocchi E Ready-to-use kits for the detection of antibody to FMDV serotypes SAT1 and SAT2 Where science and policy meet: FMD risk management in a world of changing disease landscapes: open session of the standing technical and research committees of the EuFMD : Cavtat, Croatia, 29-31 October 2014 : book of abstracts . p 140-141
  52. Dho G, Grazioli S, Brocchi E Enhanced sensitivity of FMDV antigen detection ELISA by novel signal amplification systems Where science and policy meet: FMD risk management in a world of changing disease landscapes: open session of the standing technical and research committees of the EuFMD : Cavtat, Croatia, 29-31 October 2014 .
  53. Brocchi E, Grazioli S, Dho G, Eldaghayes I, Dayhum A, Kammon A, Sharif M, Ferrari G Serological survey in Libya to assess FMD viruses circulation and vaccine immune response Where science and policy meet: FMD risk management in a world of changing disease landscapes: open session of the standing technical and research committees of the EuFMD : Cavtat, Croatia, 29-31 October 2014.
  54. Bachanek-Bankowska K, Wadsworth J, Mioulet V, Valdazo-Gonzetlez B, Eldaghayes Im, Dayhum As, Kammon Am, Sharif Ma, Grazioli S, Brocchi E, Subramaniam S, Pattnaik B, King Dp, Knowles Nj Outbreaks of foot-and-mouth disease virus in Libya and Saudi Arabia during 2013 due to an exotic O/ME-SA/IND-2001 lineage Where science and policy meet: FMD risk management in a world of changing disease landscapes: open session of the standing technical and research committees of the EuFMD : Cavtat, Croatia, 29-31 October 2014 : book of abstracts . p 154-155
  55. Spagnoli E, Grazioli S, Dho G, Brocchi E Identificazione e sierotipizzazione di virus aftosi mediante tecnologia Luminex XV Congresso Nazionale SIDiLV: 23 - 25 Ottobre 2013, Monreale (PA): volume degli atti / a cura di Santo Caracappa ... [et al.] Societa' Italiana Diagnostica di Laboratorio Veterinaria (SIDiLV), 2013]. - p 471-473.
  56. Brocchi E, Dho G, Grazioli S, Ferris N Kit ELISA pronto-uso per diagnosi e sierotipizzazione di virus aftosi XV Congresso Nazionale SIDiLV: 23 - 25 Ottobre 2013, Monreale (PA): volume degli atti / a cura di Santo Caracappa ... [et al.]: Societa' Italiana Diagnostica di Laboratorio Veterinaria (SIDiLV), 2013. - p 150-151

57. Spagnoli E, Grazioli S, Brocchi E Luminex technology for the simultaneous detection and serotyping of FMD viruses Open sessions of the standing technical and research committees of the EuFMD commission: appliance of science in the progressive control of FMD: 29-31 October 2012 Jerez de la Frontera, Spain.
58. Schmitt R, Gerber H, Grazioli S, Brocchi E, Gsell-Albert M, Lannes N, Fricker R, Bruckner L, Mcculloughl Ks, Parida S, Summerfield A Characterization of opsonizing antibodies against FMD virus Open sessions of the standing technical and research committees of the EuFMD commission: appliance of science in the progressive control of FMD: 29-31 October 2012 Jerez de la Frontera, Spain.
59. Grazioli S, Ferris N, Dho G, Spagnoli E, Brocchi E Ready-to-use elisa kit for FMDV diagnosis and serotyping tailored for Africa Open sessions of the standing technical and research committees of the EuFMD commission: appliance of science in the progressive control of FMD: 29-31 October 2012 Jerez de la Frontera, Spain. p 222
60. Dho G, Grazioli S, Schielen W, Brocchi E Evaluation of new commercial kits for anti-NSP FMDV antibodies Open sessions of the standing technical and research committees of the EuFMD commission: appliance of science in the progressive control of FMD: 29-31 October 2012 Jerez de la Frontera, Spain. p 220
61. Chitray M, Tshabalala T, Fosgate Gt, Brocchi E, Grazioli S, De Clercq K, Willems T, Esterhuysen Jj, Maree Ff The development and evaluation of a SAT-adapted 3ABC DIVA test for foot-and-mouth disease virus in the Southern Africa context Open sessions of the standing technical and research committees of the EuFMD commission: appliance of science in the progressive control of FMD: 29-31 October 2012 Jerez de la Frontera, Spain - p 100
62. Brocchi E, Spagnoli E, Li Y, Haas B, De Clercq K, Dho G, Grazioli S, De-Simone F Ready-to-use kits for detection of antibody to FMDV serotypes O, A, Asia 1 Open sessions of the standing technical and research committees of the EuFMD commission: appliance of science in the progressive control of FMD: 29-31 October 2012 Jerez de la Frontera, Spain. p 223
63. Brocchi E New ELISAs for FMD diagnosis Open sessions of the standing technical and research committees of the EuFMD commission: appliance of science in the progressive control of FMD: 29-31 October 2012 Jerez de la Frontera, Spain. p 80
64. Bartels C, Grazioli S, Spagnoli E, Mclaws M, Emami A, Brocchi E Determining the level PF vaccine-induced versus field-virus induced antibodies in livestock in West-Azerbaijan, I.R. Iran Open sessions of the standing technical and research committees of the EuFMD commission: appliance of science in the progressive control of FMD: 29-31 October 2012 Jerez de la Frontera, Spain. p 62
65. Rugna G, Merialdi G, Frasnelli M, Garbarino C, Grazioli S, Licata E, Luppi A, Sozzi E, Tamba M, Martelli P Five years (2006-2010) results of wild boar (*Sus scrofa*) sanitary monitoring in Emilia-Romagna region (Northern Italy) Proceedings of the 3rd European Symposium on Porcine Health Management (ESPHM): 25th-27th May 2011, Espoo, Finland. p 154
66. Rugna G, Bonilauri P, Frasnelli M, Garbarino C, Gelmetti D, Grazioli S, Licata E, Massi P, Pacciarini Ml, Pongolini S, Sozzi E, Tamba M, Vicari N, Merialdi G Monitoraggio sanitario della popolazione di cinghiali (*Sus scrofa*) in Emilia-Romagna: risultati degli anni 2006-

- 2010 = The monitoring of health status of wild boar (*Sus scrofa*) population in Emilia-Romagna region : results of years 2006-2010. Atti Convegno SIPAS. - Vol. 37 (2011). - p 185-195.
67. Grazioli S, Fallacara F, Brocchi E Mapping dei siti antigenici del virus aftoso tipo Asia 1 in relazione ai siti descritti in altri sierotipi IV Workshop nazionale di virologia veterinaria: Brescia, 9-10 giugno 2011: riassunti / a cura di Marina Monini. [et al.] . - Roma: Istituto Superiore di Sanità, c2011. p 50
68. Chiari M, Zanoni M, D'incau M, Pacciarini M, Martinelli N, Giovannini S, Brocchi E, Cordioli P, Alborali L, Lavazza A Monitoring of wild boars from hunting activity in Brescia Province, North Italy (poster presentation) 4th EWDA Student Workshop Infectious Disease Management: 14th to 17th of April 2011, Veyrier-Du-Lac, France
69. Chiari M, Zanoni M, D'incau M, Pacciarini M, Martinelli N, Giovannini S, Brocchi E, Cordioli P, Alborali L, Lavazza A Monitoring of wild boars from hunting activity in Brescia Province, North Italy OIE Global Conference on Wildlife: animal health and biodiversity: preparing for the future: Paris, France 23 to 25 February 2011: abstract book. - Paris: World Organisation for Animal Health (OIE), 2011.
70. Brocchi E, Grazioli S, Crosatti M, Moretti M, Barbieri I. Caratterizzazione di determinanti antigenici immunodominanti nella struttura dei virus aftosi di sierotipo SAT 1 e SAT 2 IV Workshop nazionale di virologia veterinaria: Brescia, 9-10 giugno 2011: riassunti / a cura di Marina Monini - Roma: Istituto Superiore di Sanità, c2011. p 22
71. Verin B, Edwards J, Babu A, Grazioli S, Brocchi E, Paton D, Benigno C, Sumption K, Parida S Detection of FMDV in carrier buffalo in South East Asia FMD Week 2010 : Open Session of the Standing Technical Committee of the EuFMD Commission : New tools and challenges for progressive control : 27 September - 1 October 2010 Vienna, Austria : Book of abstracts . - Rome: FAO, 2010 . - p 125
72. Grazioli S, Nassuato C, Brocchi E Performance del test ELISA per anticorpi anti-MVS valutate attraverso ring test XII Congresso Nazionale SIDiLV : Genova, Magazzini del Cotone, 27-29 Ottobre 2010 : volume degli atti . [ Societa' Italiana Diagnostica di Laboratorio Veterinaria ( SIDiLV ) , 2010] . - p 259-260.
73. Grazioli S, Brocchi E, Dho G, Ferris N A simple antigen detection ELISA kit for FMDV serotypes O, A, C and Asia 1 FMD Week 2010: open session of the Standing Technical Committee of the EuFMD Commission "New tools and challenges for progressive control": 27 September - 1 October 2010 Vienna, Austria: book of abstract. - Rome: FAO, 2010.
74. Brocchi E, Grazioli S, Dho G, De Simone F Ready-to-use kits for FMDV serotype-specific antibody detection FMD Week 2010: open session of the Standing Technical Committee of the EuFMD Commission "New tools and challenges for progressive control": 27 September - 1 October 2010 Vienna, Austria: book of abstract. - Rome: FAO, 2010.
75. Grazioli S, Brocchi E, Tranquillo V, Parida S, Paton D Development of solid phase competitive ELISAs based on monoclonal antibodies for the serology of FMDV serotypes SAT1 and SAT2 The global control of IMD tools, ideas and ideals : report European Commission for the Control of Foot-and Mouth Disease Session of the Research Group of



- the Standing Technical Committee : 14-17 October 2008 Erice, Italy. - Food and Agriculture Organization of the United Nations, 2008] p 48
76. Grazioli S, Brocchi E Mapping of linear antigenic sites of the non structural protein 3D of foot-and-mouth disease relevant for the recognition of an infection status The global control of IMD tools, ideas and ideals : Report. European Commission for the Control of Foot-and Mouth Disease Session of the Research Group of the Standing Technical Committee : 14-17 October 2008 Erice, Italy. - Food and Agriculture Organization of the United Nations, 2008] p 91
77. Brocchi E, Grazioli S, Pezzoni G Evaluation of profiling ELISA for antibodies to non structural proteins of foot-and-mouth disease virus for DIVA-serology The global control of IMD tools, ideas and ideals : report : European Commission for the Control of Foot-and Mouth Disease, Session of the Research Group of the Standing Technical Committee : 14-17 October 2008 Erice, Italy. - p 84
78. Brocchi E, Crosatti MI, Grazioli S, Bugnetti M Preliminary evaluation of panels of monoclonal antibodies developed against four vaccine strains of FMD viruses of serotype A for antigenic profiling and vaccine matching of field isolates The global control of IMD tools, ideas and ideals : report : European Commission for the Control of Foot-and Mouth Disease, Session of the Research Group of the Standing Technical Committee : 14-17 October 2008 Erice, Italy. - [Food and Agriculture Organization of the United Nations, 2008] p 85
79. Brocchi E, Grazioli S Multiplex Elisa con anticorpi monoclonali per il riconoscimento dei 7 tipi di virus aftosi Chirone. - Vol. 14 no 2 (2007).
80. Parida S, Fleming L, Gibson D, Hamblin PA, Grazioli S, Brocchi E, Paton DJ Bovine serum panel for evaluation of FMDV non structural protein antibody tests European Commission for the Control of Foot-and-Mouth Disease : Open Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease : International Control of Foot-and-Mouth Disease: Tools, Trends and Perspectives : 16-20 October 2006 Paphos, Cyprus . - [Rome : Food and Agriculture Organisation of the United Nations, 2006] p 322-332.
81. Grazioli S, Moretti M, Barbieri I, Crosatti M, Brocchi E Use of monoclonal antibodies to identify and map new antigenic determinants involved in neutralization on FMD viruses type SAT 1 and SAT 2 European Commission for the Control of Foot-and-Mouth Disease : Open Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease : International Control of Foot-and-Mouth Disease: Tools, Trends and Perspectives : 16-20 October 2006 Paphos, Cyprus . - [Food and Agriculture Organisation of the United Nations, 2006] p 289-300.
82. Dekker A, Samin D, Greiner M, Bergmann I, Paton D, Grazioli S, De Clercq K, Brocchi E Comparison of ELISAs for antibodies against foot-and-mouth disease virus non-structural proteins in cattle sera based on the continuous results European Commission for the Control of Foot-and-Mouth Disease : Open Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease : International Control of Foot-and-Mouth Disease: Tools, Trends and Perspectives : 16-20

- October 2006 Paphos, Cyprus . - [Rome : Food and Agriculture Organisation of the United Nations, 2006] p 334.
- 83.Parida S, Fleming L, Gibson D, Hamblin Pa, Grazioli S, Brocchi E, Paton Dj Bovine serum panel for evaluation of FMDV non structural protein antibody tests International Control of Foot-and-Mouth Disease : tools, trends and perspectives : Paphos, Cyprus, 16-20 October 2006 : book of abstracts. p 50.
- 84.Grazioli S, Moretti M, Gamba D, Bugnetti M, Brocchi E Monoclonal antibody-based multiplex ELISA for the detection and typing of the seven serotypes of FMDV International Control of Foot-and-Mouth Disease : tools, trends and perspectives : Paphos, Cyprus, 16-20 October 2006 : book of abstracts. p 71.
- 85.Grazioli S, Moretti M, Barbieri I, Crosatti M, Brocchi E Use of monoclonal antibodies to identify and map new antigenic determinants involved in neutralization on FMD viruses type SAT 1 and SAT 2 International Control of Foot-and-Mouth Disease : tools, trends and perspectives : Paphos, Cyprus, 16-20 October 2006 : book of abstracts. p 45.
- 86.Dekker A, Samin D, Greiner M, Bergmann I, Paton D, Grazioli S, De Clercq, Brocchi E Comparison of ELISAs for antibodies against foot-and-mouth disease virus non-structural proteins in cattle sera based on the continuous results International Control of Foot-and-Mouth Disease : tools, trends and perspectives : Paphos, Cyprus, 16-20 October 2006 : book of abstracts. p 52.
- 87.Núñez Ji, Fusi P, Borrego B, Brocchi E, Pacciarini MI, Sobrino F Genetic and antigenic analysis of Italian 1993 FMDV isolates Report of the session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease :Chania, Crete, Greece : 11-15 October 200. p 179-187.
- 88.Grazioli S, Fallacara F, Brocchi E Mapping of neutralising sites on FMD virus type Asia 1 and relationships with sites described in other serotypes Report of the session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease : Chania, Crete, Greece, 11-15 October 2004. p 277-287.
- 89.Brocchi E, Grazioli S, Yadin H, De Simone F Validation of a Solid Phase Competitive ELISA (SPBE) based on the use a single neutralising monoclonal antibody for the measurement of antibodies to FMDV type Asia 1 Report of the session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease : Chania, Crete, Greece, 11-15 October 2004. p 288-297. - 18 bib ref [Nr. Estr. 3110]
- 90.Grazioli S, Fallacara F, Brocchi E Identification of antigenic sites on foot-and-mouth disease virus type Asia 1 by a new panel of monoclonal antibodies 6th International Congress of Veterinary Virology : "Virus persistence and evolution", Saint Malo, France, August 24th-27th, 2003/ edited by Andre Jestin, Genevieve Clement . - Ploufragan, France : ZOOPOLE developpment , c2003 p 117
- 91.Brocchi E, Grazioli S, Gamba D, Borrè A, Douglas A, De Simone F Mapping of immunodominant regions of the non structural protein 3B of foot-and-mouth disease virus, relevant for the recognition of an infection status 6th International Congress of Veterinary

- Virology : "Virus persistence and evolution", Saint Malo, France, August 24th-27th, 2003/ edited by Andre Jestin, Genevieve Clement . - [Ploufragan, France : ZOOPOLE developpement , c2003] p 118.
- 92.Grazioli S, Fallacara F, Brocchi E Monoclonal antibodies against FMDV type Asia 1: preliminary characterization and potential use in diagnostic assays Report of the Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease. - [Rome : FAO, 2002] p 194-202.
- 93.Brocchi E FMDV NSP-ELISA for distinguishing convalescent from vaccinated animals: experiences and perspectives at the reference laboratory in Italy Foot and mouth disease : control strategies : International Symposium, 2 - 5 Jne 2002, Lyons, France. - organized by the Mèrieux Foundation, International Association for Biologicals (IABs), Office International des Epizooties (OIE). - [Lyon : Fondation Merieux , 2002] p 115-116.
- 94.Gusev AA, Amadori M, Berlinzani A, Brocchi E, Zakharov Vm, Fomina TA, Dudnikov SA, Schekotova OASerosurveillance of FMD in the Transcaucasian countries : role of the 3ABC-ELISA Report of the Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease : Maisons-Alfort, France, 29 September to 1 October 1999. - Rome : Food and Agriculture Organization of the United Nations, 1999 p 72-78.
- 95.Brocchi E, Gamba D, Bugnetti M, De Simone F Monoclonal antibody profiling of recent Foot-and Mouth Disease type A field viruses and comparison with reference virus strains Report of the Session of the Research Group of the Standing Technical Committee of European Commission for the Control of Foot-and-Mouth Disease : Aldershot, United Kingdom, 14-18 September 1998. - [Rome : Food and Agriculture Organization of the United Nations, 1998] p 56-61.
- 96.Berlinzani A, Brocchi E, De Simone F Performances of the 3ABC-trapping ELISA to differentiate infected from vaccinated animals in a field situation : experiences following FMD outbreaks in Albania Report of the Session of the Research Group of the Standing Technical Committee of European Commission for the Control of Foot-and-Mouth Disease : Aldershot, United Kingdom, 14-18 September 1998. - p 166-175.
- 97.De Diego M, Brocchi E, Mackay D, De Simone F The use of the non-structural polyprotein 3ABC of FMD virus as a diagnostic antigen in ELISA to differentiate infected from vaccinated cattle Report. European Commission for the Control of Foot-and Mouth Disease Session of the Research Group of the Standing Technical Committee : Kibbutz Ma'ale Hachamisha, Israel, 2-6 September 1996. - Rome : Food and Agriculture Organization of the United Nations, 1996 p 111-117.
- 98.De Simone F, Brocchi E, Bugnetti M, Fusi P, Pacciarini Ml Impiego di reagenti e metodi innovativi nella diagnosi di malattie vescicolari = Use of innovating reagents and techniques to diagnose vesicular diseases. Stato dell'arte delle ricerche italiane nel settore delle biotecnologie applicate alle scienze veterinarie e zootecniche : atti della 1. Conferenza Nazionale, Universita' di Milano, 20 aprile 1993, Facolta' di Medicina Veterinaria/ a cura di : Giorgio Poli, Mara Rocchi, Paola Dall'Ara . - Brescia : Fondazione Iniziative Zooprofilattiche e Zootecniche, 1993. - (Atti delle Giornate di Studio Fondazione Iniziative Zooprofilattiche e Zootecniche; 35) p 27-33.

99. Brocchi E, De-Simone F, Bugnetti M, Gamba D, Capucci L Application of a monoclonal antibody-based competition ELISA to the measurement of anti-FMDV antibodies in animal sera Report of the Session of the Research Group of the Standing Technical Committee of European Commission for the Control of foot-and-mouth disease : Lindholm, Denmark, 25-29 June 1990. - [Rome] : Food and Agriculture Organization of the United Nations, [1990] p 83-88.
100. Capucci L, Brocchi E, Gamba D, Archetti L, Panina Gf Reactivity of formaldehyde-treated type A FMD virus tested by monoclonal antibodies : preliminary results Report of the Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease : Lyons, France 22-25 September 1987. - Rome : FAO, 1987 p 103-108.
101. Brocchi E, Capucci L, De Simone F, Adamo F, Bugnetti M, Panina Gf Characterization of FMDV isolates from the Italian epizootic of 1986-1987 using monoclonal antibodies Report of the Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of Foot-and-Mouth Disease: Lyons, France 22-25 September 1987. - Rome: FAO, 1987 p 109-112.
102. Brocchi E, Capucci L, De Simone F, Panina Gf Potential of monoclonal antibodies (MAbs) for FMD diagnosis and characterization of the isolates Report of the Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of foot-and-mouth disease. - Rome : Food and Agriculture Organization of the United Nations, 1986 p 30-31.
103. Brocchi E, Capucci L, De Simone F, Civardi A Impiego di anticorpi monoclonali nella diagnosi e caratterizzazione antigenica dei virus aftosi isolati negli anni 1985-1986 = Use of monoclonal antibodies for FMD diagnosis and for characterization of the 1985-1986 isolates. Atti Soc Ital Sci Vet. - Vol. 40 (1986). - p 906-909.
104. Panina Gf, Barei S, De Simone F, Bugnetti M, Brocchi E, Amadori M Characterization of the FMD virus isolated in Italy during 1984-1985 Report of the Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of foot-and-mouth disease. - Rome : Food and Agriculture Organization of the United Nations, 1985 p 81-87.
105. De Simone F, Brocchi E, Capucci L, Panina Gf Monoclonal antibodies to foot-and-mouth disease virus (FMDV) Sixth International Congress of Virology : abstracts, September 1-7, 1984, Sendai, Japan. p 104
106. Crowther Jr, McCullough Kc, De Simone F, Brocchi E Monoclonal antibodies against FMDV : applications and potential use Report of the Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of foot-and-mouth disease. - Rome : Food and Agriculture Organization of the United Nations, 1984 p 40-51
107. Capucci L, Brocchi E, De Simone F, Panina GF Characterization of monoclonal antibodies produced against foot-and-mouth disease viruses Report of the Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of

- foot-and-mouth disease. - Rome : Food and Agriculture Organization of the United Nations, 1984 p 32-39
- 108.De Simone F, Brocchi E, Capucci L, Panina GF Characterization of monoclonal antibodies to FMD virus : preliminary results Report of the Session of the Research Group of the Standing Technical Committee of the European Commission for the Control of foot-and-mouth disease : Lelystad, Netherlands, 20-22 September 1983. - Rome : Food and Agriculture Organization of the United Nations, [1983] p 17-19.
- 109.De Simone F, Brocchi E, Panina GF, Barei S Determinazione di anticorpi antiaftosi con la tecnica ELISA = Detection of antibodies against FMD virus by Enzyme-Linked Immunosorbent Assay (ELISA) Atti Soc Ital Sci Vet. - Vol. 35 (1982). - p 764-765.
- 110.De Simone F, Brocchi E, Mellano D, Panina GF Anticorpi monoclonali antiaftosi : II. Caratterizzazione = Monoclonal antibodies against foot and mouth disease : II. Characterization. Atti Soc Ital Sci Vet. - Vol. 36 (1982). - p 578-581
- 111.Brocchi E, De Simone F, Mellano D, Panina GF Anticorpi monoclonali antiaftosi : I. Produzione = Monoclonal antibodies against foot and mouth disease : I. Production. Atti Soc Ital Sci Vet. - Vol. 36 (1982). - p 576-578
- 112.Yavin Z, Lalazar A, Zeelon E, Panina GF, Brocchi E, De Simone F, Spier R, Clarke J, Gorecki M, Aviv H Monoclonal hybridomas which produce neutralizing antibodies against FMD virus XVIe Conference de la Commission pour l'Etude de la Fievre Aphteuse : proceedings : Paris, 14-17 september 1982/ Office International des Epizooties. - Paris : O.I.E. , c1982 p 377-381. - 3 bib ref
- 113.De Simone F, Brocchi E, Panina GF, Barei S Titration of FMD antibodies in cattle sera : comparative study of serum-neutralization on mice and ELISA Report of the Session of the Research Group of the Standing Technical Committee of European Commission for the Control of foot-and-mouth disease : Tuebingen, FRG, 29 September - 1 October 1981. - Rome : Food and Agriculture Organization of the United Nations, 1981 (1981). - p 73