

CURRICULUM VITAE

Dr. Alejandra V. Capozzo, Ph.D.

Last name: **Capozzo** Names: **Alejandra Victoria** (she/her)

Argentinean – Italian

- **Principal Researcher of CONICET** (National Research Council of Argentina)
- **Director of the Center for Advanced Studies in Human Sciences and Health (CAECIHS)**, Interamerican Open University (UAI)

Expertise: **Applied Veterinary Immunology.**

Languages: Spanish (native), English (advanced)

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EDUCATION

- **MD in Biological Sciences. University of Buenos Aires (UBA). Argentina.** 1995. Specialized in Molecular Biology and Biotechnology.
- **Ph.D. in Biology.** UBA. Argentina. 2002. Thesis: “*Development of chimeric vaccines against foot and mouth disease: DNA and recombinant proteins as immunogens*”. Director: Dr. José La Torre. Codirector: Dr. Pablo Grigera.
- **Post-Doctoral studies in neonatal immunology. University of Maryland. Baltimore. USA.** 2003-2006. Fellowship from the “Bill and Belinda Gates Foundation”. Director: Dr. Marcela Pasetti.
- **Sales Management (ESEADE, 2008).**
- **Sales Training:** Selling skills I & II. LearnCom. Switzerland. 2008.
- **English Teacher.** Liverpool Institute, Buenos Aires. 1995.

WORKING EXPERIENCE

- Researcher of the National Research Council of Argentina “CONICET”. Since April 2008
- Professor of Immunology and Virology. Post-graduate continuous Education program. School of Medicine. UNICEN, Tandil, Buenos Aires, since 2010.
- Market Development Manager for Latin-America. Veterinary diagnostics. Prionics AG, Switzerland. 2007.
- Leader of Research and Development. In charge of improvement of production processes for FMDV, BVDV and fish vaccines. Vaccine development and production of recombinant vaccine. Adjuvant specialist. Biogénesis-Bagó. Garín. Buenos Aires. 2006.
- Post-Doctoral Research Fellow. Center for Vaccine Development (CVD). University of Maryland, Baltimore, USA. 2002-2005.
- Junior Researcher. National Medicine Academy of Buenos Aires. 2001.
- PhD Student. Center for Animal Virology. (CEVAN- CONICET, Buenos Aires). 1996-2000
- Professor of Molecular Biology and Biotechnology. Hebrew BAR ILÁN University. 1999-2000.
- Professor of Basic Immunology. School of Veterinary Sciences. UBA 1997 –1999.
- Professor of Biology. CBC-UBA. 1995-2000.
- Professor of Microbiology and Immunology. Department of Biological Chemistry. U.B.A. 1992-1995.
- Professor of Immunochemistry. School of Natural Sciences (FCEyN) UBA. 1992 –1995.

OTHER PROFESSIONAL ACTIVITIES AND INTERNATIONAL REPRESENTATION

- Member of the consultancy commission for Technology Innovation and Biotechnology. CONICET, Argentina.
- Chief Executive Officer (CEO) of the Global Foot-and-Mouth Disease Research Alliance (GFRA)
- President of the Argentinean Veterinary Immunology Association.
- Co-chair of the Scientific Committee of the International Veterinary Immunology Symposium (IVIS), 2023.
- Consultant Category B. FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Evaluation lead / Evaluation technical expert. Division: EuFMD Commission.
- Representative for Latin America at the International Veterinary Immunology Committee, IUIS since 2019.
- Coordinator of the Latin-American network for Veterinary Immunology (RedLatInmVet)
- Member of the Argentinean Society for Virology

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- Co-chair of the FAO - WOAHA, Foot-and-Mouth Disease Global Framework for the Progressive Control of Transboundary Animal Diseases (GF-TADs) committee
- Member of the FAO – WOAHA, GF-TADs Animal Partnership and Financing Panel (PFP).
- Associate Editor of “Frontiers in Veterinary Science”
- Reviewer of scientific papers in international journals.
- Reviewer of national and international research projects
- Technical consultant in veterinary diagnostic and vaccine production companies
- Member of the Argentinean Society of Veterinary Medicine
- Member of the ExCo of the RAIIS, Argentinean Health Scientific Network.
- Member of the Inter-Institutional Network for Research and Development in Foot-and-Mouth Disease
- Member of the BIOTEC SUR network
- Technical Expert registered in the Argentine Accreditation Body, OAA. ISO 17025 Standard Diagnosis of veterinary diseases (production animals)
- Jury of doctoral theses in national (UBA, UNRC, UNE, UNSAM) and international universities (Oxford).

ONGOING AND LATEST PROJECTS

- *“Role of immunomodulation exerted by Fasciola hepatica in the development of the immune response to the foot-and-mouth vaccine in cattle”*. In collaboration with Dr Teresa Freire, UDELAR, Uruguay. Fondo Clemente Estable 2023. FCE_1_2023_1_176241. Res Nº5009/023, Montevideo Uruguay.
- *Veterinary Vaccine for new variants of SARS-CoV- 2*, in collaboration with CONICET, National University of Jose C Paz (Buenos Aires), INTA and Agropharma Salud Animal SA.
- *Strategies to achieve cross-protection against FMDV infection using vaccination*. Financed by ARS.
- *Assessment of protective parameters for FMD new generation vaccines*. Financed by ARS
- *Alternative vaccine selection techniques*. EuFMD-FAR 2018 (completed). Financed by FAO project in collaboration with Dr. Ludi (The Pirbright Institute) and Dr. Reeve (Glasgow University).
- *Construction of FMDV -specific phage-display libraries for epitope identification to be used in improved design of FMD vaccines*. Financed by the International Veterinary Vaccinology Network (IVVN). In collaboration with The Pirbright Institute (UK) and OVI (South Africa). Completed.
- *Activity of bovine IFN- λ against bovine viral diarrhea virus*. PICT 2014/0718. financed by ANPCyT. Argentina. Completed.
- *Immune modulation exerted by bovine IFN- λ* . PIP 2015/073. financed by CONICET.
- *Development of VLPs as novel vaccines against FMDV*. PID 022, CONICET-INTA- Biogenesis Bagó (ongoing)
- *Production of vaccine seeds of the bovine viral diarrhea virus (BVDV) designed by reverse genetics*. PID 2016 019., financed by ANPCyT. Argentina. (ongoing)
- *Immune modulators for veterinary vaccines*. Financed by Agropharma Salud Animal SA. (ongoing)
- *New targeted antimicrobials*. Financed by Agropharma Salud Animal SA. (ongoing)

PRODUCTS TRANSFERRED TO THE INDUSTRY

- In process control kit (IPC): purity of FMD vaccines. Aimed to quantify 3ABC in vaccine antigen batches. Transferred to Prionics AG. Commercialized worldwide by Thermo-Fisher
- Novel soy-based adjuvant for veterinary use. Transferred to Tecnovax SA.
- The first vaccine against *Neospora caninum*. Transferred to Tecnovax SA.
- Recombinant vaccine against bovine viral diarrhea virus (BVDV). Under license.
- Immune modulators for livestock vaccines. Transferred to Agropharma Salud Animal SA
- Serocovid Federal. Kit for the detection of anti-SARS -CoV-2 total antibodies. Multispecies. Transferred to Laboratorios Chaqueños SA. Licensed for Human use by ANMAT (Argentinean Regulatory Authority) in March 2021
- ZOOCOVID. Kit for the detection of anti-SARS -CoV-2 total antibodies. Multispecies. Transferred to Agropharma Salud Animal. Under license in SENASA.
- PREVEN-Vir: Recombinant natural antiviral with mucosal activity. Opportunity.

AWARDS AND FELLOWSHIPS (last years)

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- INNOVAR 2022. "PREVEN-Vir: preventing infections than can demand antibiotic use".
- INNOVAR 2021. "COVID-19 under One Health perspective: multiespecie serological kit to measure and characterize antibodies against SARS-CoV-2".
- Israel Innovation Award 2021. Mention for "NovelBiotic: Antimicrobials 2.0". New generation recombinant targeted antimicrobials.
- Sir Frederick McMaster Visiting Fellowship to work at the CSIRO-Australian Animal Health Laboratory, Geelong to transfer novel FMDV assays (2018)
- Special mention of the National Academy of Agronomy and Veterinary, Prize: "Biogenesis Bagó to Innovation in Bovine Production 2015." Economic valuation of the implementation of a sanitary strategy of control of the Bovine Viral Diarrhea virus in a breeding farm.
- Prize for the best work in Veterinary Virology at the XI Argentine Congress of Virology - CAV-2015. Title: "Interaction between bovine viral diarrhea virus and dendritic cells."
- INNOVAR 2015. First prize in Applied Research. Received in October 2015 awarded Product: Kit for serological diagnosis of bovine neosporosis.

PUBLICATIONS

Scientific papers published in international peer-viewed journals (only most relevant, last years are included)

Vaccine. 2024. *Fasciola hepatica infection modifies IgG1 specific immune response to foot-and-mouth disease virus induced by vaccination.* Costa,M; Mansilla, F; Sala, J; Saravia,A; Ubio, D; Lores, P; **Capozzo AV** and Teresa Freire._doi: 10.1016/j.vaccine.2023.12.067.

Virulence. 2023. *Enhanced infectivity of bovine viral diarrhoea virus (BVDV) in arginase-producing bovine monocyte-derived macrophages.* Barone LJ, Cardoso NP, Mansilla FC, Castillo M, **Capozzo AV.** Nov 15:2283899. doi: 10.1080/21505594.2023.2283899.

Front Vet Sci. 2023. *Application of the Nagoya Protocol to veterinary pathogens: concerns for the control of foot-and-mouth disease.* Nov 22;10:1271434. Horsington J, Abbeloos E, Kassimi LB, Boonsuya Seeyo K, **Capozzo AV**, Chepkwony E, Eblé P, Galdo-Novo S, Gizaw D, Gouverneur L, Grazioli S, Heath L, Hudelet P, Hyera JMK, Ilott M, King A, Lefebvre DJ, Mackay D, Metwally S, Mwiine FN, Nfon CK, Park MK, Pituco EM, Rosso F, Simon F, Ularanu HG, Vermeij P, Vosloo W, King DP. doi: 10.3389/fvets.2023.1271434. PMID: 38076547; PMCID: PMC10703042_

Front Vet Sci. 2023 . *Kinetics of foot-and-mouth disease vaccine-induced antibody responses in buffaloes (Bubalus bubalis): avidity ELISA as an alternative to the virus neutralization test.* Sala JM, Mansilla FC, Miraglia MC, Caspe SG, Perez-Filgueira DM, **Capozzo AV.** Nov 7;10:1162477. doi: 10.3389/fvets.2023.1162477. eCollection 2023.

Front Vet Sci. 2023. *Editorial: Women in veterinary epidemiology and economics.* **Capozzo AV**, Vial F. May 22;10:1212004. doi: 10.3389/fvets.2023.1212004. eCollection 2023. PMID: 37283877

Front Vet Sci. 2023 . *Editorial: Foot-and-mouth disease epidemiology, vaccines and vaccination: moving forward.* **Capozzo AV**, Vosloo W, de Los Santos T, Pérez AM, Pérez-Filgueira M. Jun 20;10:1231005. doi: 10.3389/fvets.2023.1231005. eCollection 2023.

Front Vet Sci. 2023 . *Serological screening of SARS-CoV-2 infection in companion animals of Buenos Aires suburbs.* Cardoso NP, Rivero C, Castillo M, Mansilla FC, Pastorino F, Piccirilli G, Alonso L, Martínez G, Lullo DD, Bentancor LV, **Capozzo AV.** May 30;10:1161820. doi: 10.3389/fvets.2023.1161820. eCollection 2023.

Viruses. 2022. doi: 10.3390/v14081781. *Assessment on Different Vaccine Formulation Parameters in the Protection against Heterologous Challenge with FMDV in Cattle.* Di Giacomo S, Bucafusco D, Schammas JM, Pega J, Miraglia MC, Barrionuevo F, **Capozzo AV**, Perez-Filgueira DM.

Front Vet Sci. 2021. doi: 10.3389/fvets.2021.686141. **Capozzo AV**, Pérez-Filgueira M, Vosloo W, Gay CG. *Editorial: FMD Research: Bridging the Gaps with Novel Tools.* E-book.

Front Vet Sci. 2021 May 17;8:686141. Editorial: *FMD Research: Bridging the Gaps With Novel Tools*.
Capozzo AV, Pérez-Filgueira M, Vosloo W, Gay CG. doi: 10.3389/fvets.2021.686141. eCollection 2021.

Rev Argent Microbiol. 2021. doi: 10.1016/j.ram.2020.06.011. Seroprevalence and risk factors associated with *Neospora caninum* in dairy farms from the Province of Salta, Argentina. Pereyra WR, Suarez VH, Cardoso N, Gual I, Martínez GM,
Capozzo AV, Mansilla FC.

Vet Immunol Immunopathol. 2020. doi: 10.1016/j.vetimm.2020.110145. *Interferon lambda protects cattle against bovine viral diarrhoea virus infection*. Quintana ME, Cardoso NP, Pereyra R, Barone LJ, Barrionuevo FM, Mansilla FC, Turco CS, **Capozzo AV**

Front Vet Sci. 2020 Nov 6;7:603622. *Bovine Interferon Lambda Is a Potent Antiviral Against SARS-CoV-2 Infection in vitro*. Cardoso NP, Mansilla FC, Benedetti E, Turco CS, Barone LJ, Iserte JA, Soria I, Baumeister E, Capozzo AV. doi: 10.3389/fvets.2020.603622. eCollection 2020.

Frontiers Public Health. 2020. doi.org/10.3389/fpubh.2020.593464. *Dying Alone Due to COVID-19: Do the Needs of the Many Outweigh the Rights of the Few—or the One?* **Capozzo, AV**.

Frontiers Vet. Sci. 2020. doi: 10.3389/fvets.2020.603622. eCollection 2020 COVID-19. *Bovine interferon lambda is a potent antiviral against SARS-CoV-2 infection in vitro*. Cardoso N., Mansilla F, Benedetti E, Turco E, Barone L, Alonso Iserte J, Soria I, Baumeister E and **Capozzo AV**.

Revista Argentina de Medicina. 2020. Sep. 8: nro. 3. *Morir en soledad: la terrible situación de las personas que mueren por COVID-19 y el dolor de sus familiares en un contexto de desborde del sistema de salud*. **Capozzo, Alejandra**.

PLoS One. 2020. doi: 10.1371/journal.pone.0232782. *The role of viral particle integrity in the serological assessment of foot-and-mouth disease virus vaccine-induced immunity in swine*. Mansilla FC, Turco CS, Miraglia MC, Bessone FA, Franco R, Pérez-Filgueira M, Sala JM, **Capozzo AV**

Frontiers in Vet Sci. e doi: 10.3389/fvets.2020.00045. *In-vivo Activity of IFN- λ and IFN- α Against Bovine-Viral-Diarrhoea Virus in a Mouse Model*. Quintana ME, Barone L, Trotta M, Turco C, Mansilla F, **Capozzo AV**, Cardoso N.

Vaccine. 2019. doi: 10.1016/j.vaccine.2019.07.102. *Estimating the protection afforded by foot-and-mouth disease vaccines in the laboratory*. Paton DJ, Reeve R, Capozzo AV, Ludi A.

Journal of Dairy Science. 2019 doi: 10.3168/jds.2018-15781. *Immune cells transferred by colostrum do not influence the immune responses to foot-and-mouth disease primary vaccination*. Bucafusco D, Pereyra R, Mansilla FC, Malacari DA, Juncos MS, Di Giacomo S, Ayude AF, Pérez-Filgueira M, **Capozzo AV**.

Vet Immunol Immunopathol. 2019. doi: 10.1016/j.vetimm.2019.01.001. *Evidence of reduced vertical transmission of *Neospora caninum* associated with higher IgG1 than IgG2 serum levels and presence of IFN- γ in non-aborting chronically infected cattle under natural condition*. Pereyra R, Mansilla F, Petersen M, Suarez V, **Capozzo A**.

Journal of Dairy Science. 2018. doi: 10.3168/jds.2018-14922. *Bovine leukemia virus infection in adult cows does not interfere with foot-and-mouth disease vaccination*. Jaworski JP, Sala JM, **Capozzo A**.

J Virol Methods. 2018. doi: 10.1016/j.jviromet.2018.07.010. *A direct high-throughput in Cell-ELISA for measuring infectivity of cytopathic and non-cytopathic bovine viral diarrhoea virus strains applied to the assessment of antiviral activity*. Quintana ME, Barone L, Forlenza MB, Trotta MV, Turco C, Mansilla FC, Cardoso NP, **Capozzo A**.

Frontiers in Vet. Sci. 2018. doi: 10.3389/fvets.2018.00075. *In Vitro and In Vivo Characterization of a Typical and a High Pathogenic Bovine Viral Diarrhoea Virus Type II Strains*. Malacari DA, Pécora A, Pérez Aguirreburualde MS, Cardoso NP, Odeón AC, **Capozzo AV**.

Virology. 2018. doi: 10.1016/j.virol.2018.02.012. *Systemic antibodies administered by passive immunization prevent generalization of the infection by foot-and-mouth disease virus in cattle after oronasal challenge*. Barrionuevo F, Di Giacomo S, Bucafusco D, Ayude A, Schammas J, Miraglia MC, **Capozzo AV**, Borca MV, Perez-Filgueira M.

Antiviral Research. 2018. doi: 10.1016/j.antiviral.2017.10.010. Epub 2017 Oct 12. *Structure-based drug design for envelope protein E2 uncovers a new class of bovine viral diarrhea inhibitors that block virus entry*. Pascual MJ, Merwaiss F, Leal E, Quintana ME, **Capozzo AV**, Cavasotto CN, Bollini M, Alvarez DE.

Experimental Parasitol. 2017. doi: 10.1016/j.exppara.2017.10.009. Epub 2017 Nov 5. Review. *Apicomplexan profilins in vaccine development applied to bovine neosporosis*. Mansilla FC, **Capozzo AV**.

Journal Appl. Animal Res. 2017. *Alternatives for the serological assessment of foot-and-mouth disease vaccine immunity in buffaloes (Bubalus bubalis)*. Sala, JM ; Trotta, MV; Mansilla, FC; Pérez-Filgueira, M; Caspe, S and **Capozzo, AV**.

Vaccine. 2017. *Evaluation of immune responses of stabilised SAT2 antigens of foot-and-mouth disease in cattle*. Scott KA, Rathogwa NM, **Capozzo AV**, Maree FF.

Viral Immunology. 2016. doi: 10.1089/vim.2016.0047. *Bovine viral diarrhea virus infects monocyte-derived bovine dendritic cells by an E2-mediated mechanism and transiently impairs antigen presentation*. Cardoso, N; Franco-Mahecha, OL; Czepluch, W; Quintana, ME; Malacari, D; Trotta, MV; Mansilla, FC and **Capozzo, AV**.

Parasite Immunology. 2016. doi: 10.1111/pim.12354. *Fusion of foreign T-cell epitopes and addition of TLR agonists enhance immunity against Neospora caninum profilin in cattle*. Mansilla F, Quintana M, Cardoso, **Capozzo AV**.

BMC Vet. Research. 2016. doi: 10.1186/s12917-016-0749-x. *Effect on Serological Response following field vaccination against Foot-and-Mouth Disease (FMD) in Holstein heifers infected with Bovine leukemia virus*. Puentes, R; Algorta, A; De Brun, L; Da Silva, V; Mansilla, M; Sacco, G; Llambí, S and **Capozzo, AV**

Experimental Parasitology. 2015. doi: 10.1016/j.exppara.2015.10.008. *Immunization with Neospora caninum profilin induces limited protection and a regulatory T-cell response in mice*. Mansilla FC, Quintana, ME; Langellotti, C; Wilda, M.; Martínez, A.; Fonzo, A.; Moore DP; Cardoso NP and **Capozzo AV**.

Journal of Virology. 2015. doi: 10.1128/JVI.01082-15. Epub 2015 Jul 8. *Systemic Foot-and-Mouth Disease Vaccination in Cattle Promotes Specific Antibody-Secreting Cells at the Respiratory Tract and Triggers Local Anamnestic Responses upon Aerosol Infection*. Pega J, Di Giacomo S, Bucafusco D, Schammas JM, Malacari D, Barrionuevo F, **Capozzo AV**, Rodríguez LL, Borca MV, Pérez-Filgueira M.

Trials in Vaccinology. 2015. doi:10.1016/j.trivac.2015.04.001. "Simultaneous immunization of cattle with foot-and-mouth disease (FMD) and live anthrax vaccines do not interfere with FMD booster responses". Trotta M.; Lahore J.; Cardoso N.; Melucci, O.; Catena M.; Pérez-Filgueira, M. Fernández, F and **Capozzo AV**.

Vet. Immunol. Immunopathol.2015. doi: 10.1016/j.vetimm.2015.03.007. *Safety and immunogenicity of a soluble native Neospora caninum tachyzoite-extract vaccine formulated with a soy lecithin/ β -glucan adjuvant in pregnant cattle*. Mansilla FC, Moore DP, Quintana ME, Cardoso N, Hecker YP, Gual I, Czepluch W, Odeón AC and **Capozzo AV**.

Virology. 2015. doi: 10.1016/j.virol.2014.11.023. *Foot-and-mouth disease vaccination induces cross-reactive IFN- γ responses in cattle that are dependent on the integrity of the 140S particles*. Bucafusco D, Di Giacomo S, Pega J, Schammas JM, Cardoso N, **Capozzo AV** and Perez-Filgueira M.

Patents:

- PCT/US2006/61152. "Live Vector Vaccine and Uses Thereof". UMB Docket No: MP-2006-036.
- Patent Application Serial Number 63/034,449. Use of bovine interferon lambda for therapy of COVID-19.

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Books

Co- writer (Capozzo and Fernandez) of 8 books on Biology. "Cuadernos de Biología", EUDEBA, Argentina.

TRAINING OF HUMAN RESOURCES (completed):

- Director of 11 PhD Thesis of the University of Buenos Aires. And 1 of the University of Nordeste, UNSE, Argentina.
- Director of 10 junior Scientists and post - doctoral fellows

SCIENTIFIC MEETINGS (more relevant, last five years)

- **IVIS 2023.** International Veterinary Immunology Symposium. Kruger Park, Africa, Nov. 2023. Co-chair of the scientific committee, two oral presentations.
- **IUIS 2023.** Congress of the International Union of Immunology Societies. Cape Town, Africa. Dec 2023. In charge of round table on "One Health". Lecture on One Health during COVID-19 pandemic.
- **GFRA 2023.** Uganda, Africa. Chair of the organizing committee. Two oral presentations. Speaker.
- **GFRA 2022 Research GAP Analysis Meeting,** Buenos Aires, Argentina. Organizer. Co-chair of the immunology session. Speaker.
- **GFRA 2021-** Plenary talk at the 2021 Meeting of the Global Foot-and-Mouth Disease Network, "Serological assessment of anti-FMDV antibodies: quantity, quality, and the differences between species". Nov. 1-3 2021. Virtual meeting.
- **Annual Meeting of the Argentine Society of Virology 2020.** Round-table lecturer: "Use of IFN-lambda as a biotherapeutic against SARS-CoV-2"
- **GFRA 2019.** Speaker and member of the organizing committee of the GFRA 2019. Bangkok, Thailand. 29-31 October 2019.
- **International Veterinary Immunology Symposium, IVIS 2019.** Seattle, USA August 13-16, 2019. Plenary lecturer. "Serological assays used to measure vaccine-induced responses against foot-and-mouth disease virus: application in vaccine selection and field studies".
- **EuFMD 2019 OS.** Round table coordinator and invited speaker at the open session of the Foot-and-Mouth Disease Commission of the European Union. Italy, 2019. "In-vitro correlates of heterologous protection using avidity and IgG-subtyping ELISAs". A. Capozzo, R. Reeve, D. Paton, and A. Ludi.
- **GFRA Research GAP-Analysis.** Participant. Buenos Aires. June 2018.
- **XXIX RITA 2018-** Presentation (Poster) at. Rabies in the Americas. "Development and production of a recombinant mini-antibody against rabies viruses". 10/28 to 11/2, 2018. Buenos Aires. Argentina
- **2018 Eu/FMD Meeting.** Lecture: "*In vitro* Correlates of heterologous protection using IgG subtype and avidity ELISAs".
- **2017 GFRA Scientific Meeting. Seoul, South Korea** 25-27 October 2017. Oral presentation: "*Assessing protective antibody levels in buffaloes using novel and traditional tests in the presence of maternal antibodies*".
- **OS'16: Open Session of the EuFMD. Cascais. Portugal.** 26-28 October 2016. Oral presentation: "*Application of indirect and avidity ELISA tests to assess anti-FMDV antibodies induced by vaccination in buffalo and swine serum samples*". Poster presentation: "*Effect of the antigen payload, polyvalency and revaccination in the protection conferred by FMD vaccines against heterologous challenge in cattle*".
- **Argentinean Symposium on Rabies.** Buenos Aires, Junie 30th-July 1st, 2016. Participant.
- **IX International Meeting of Veterinary Practice.** Mar del Plata, Buenos Aires. August 28-29th, 2015. Lecture: "*Immunobiology of BDVB infections*"