



## FRANCESCA DANIELA FRANZOSO

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### RECENT PUBLICATIONS

\*Y. Zarb, \***F.D. Franzoso**, A. Keller. Pericytes in primary Familial Brain Calcification. *Adv Exp Med Biol.* 2019,1147: 247-264. DOI: 10.1007/978-3-030-16908-4\_11. - Book Chapter (\* equal contribution)

B. Burkhardt, C.J. Kellenberger, **F.D. Franzoso**, J. Geiger, A. Oxenius, E.R. Valsangiacomo Buechel. Right and left ventricular strain patterns after the atrial switch operation for D-transposition of the great arteries – a magnetic resonance feature tracking study. *Frontiers in Cardiovascular Medicine.* 2019, 6(39). DOI:10.3389/fcvm.2019.00039

L. Lagalice, J. Pichon, E. Gougeon, S. Soussi, J. Deniaud, M. Ledevin, V. Maurier, C. Ciron, **F.D. Franzoso**, L. Dubreil, K. Rouger, MA Colle. Satellite cells fail to contribute to muscle repair but are functional in Pompe disease (glycogenosis type II). *Acta Neuropathologica Communications.* 2018, 6(1):116. DOI: 10.1186/s40478-018-0609-y

M. Cramer, M. Bauer, N. Caduff, R. Walker, F. Steiner, **F.D. Franzoso**, C. Gujer, K. Boucke, T. Kucera, A. Zbinden, C. Münz, C. Fraefel, U. Greber, J. Pavlovic. MxB is an interferon-induced restriction factor of human herpesviruses. *Nature Communications.* 2018, 17;9(1):1980. DOI: 10.1038/s41467-018-0479-2

**F.D. Franzoso**, R. Vogel, M. Seyffert, B. Pereira, M. Avila, B. Vogt, H. Büning, M. Ackerman, C. Fraefel. Cell cycle-dependent expression of AAV2 Rep in HSV-1 coinfections gives rise to a mosaic of cells replicating either AAV2 or HSV-1. *Journal of Virology.* 2017, 12;91(15). DOI: 10.1128/JVI.00357-17

**F.D. Franzoso**, A. Yakimovich, K. Tobler, R. Vogel, U. Greber, M. Ackermann, C. Fraefel. RNA interference screen reveals differential effects of host cell factors on transduction by Adeno-Associated Virus 2 (AAV2) vectors. *Journal of Comparative Pathology,* 2017, 156(1):54. DOI: 10.1016/j.jcpa.2016.11.002

**F.D. Franzoso**, Wohlmuth C, Greutman M, Kellenberger CK, Oxenius A, Voser EM, Valsangiacomo Buechel ER. Atrial Function after the atrial switch operation for transposition of the great arteries: comparison with arterial switch and normals by cardiovascular magnetic resonance. *Congenital Heart Disease*, 2015, 11(5):426-436, DOI: 10.1111/chd.12323

N. Borel, CF. Frey, B. Gottstein, M. Hilbe, A. Pospeschil, **F.D. Franzoso**, A. Waldvogel. Laboratory diagnosis of ruminant abortion in Europe – REVIEW - *The Veterinary Journal*, 2014, 200(2):218-29

## RECENT CONFERENCE PRESENTATIONS

Elucidating miRNAs-mediated mechanisms in Sickle Cell disease

Bosch A, **Franzoso FD**, Eekels J, Schmugge M

22<sup>nd</sup> Meeting of the European Red Blood Cell Society, 8-12 March 2019, Ascona, Switzerland (Poster presentation)

Intravenous immunoglobulins – a modifier of the plasma cytokine/chemokine profile in pediatric immune thrombocytopenia patients

Gözl N, **Franzoso FD**, Eekels JM, Rand ML, Schmugge M

A new path to therapies: miRNAs in Sickle Cell Disease

Bosch A., Eekels JM, **Franzoso FD**, Schmugge M

9. Forschungszentrum für das Kind Symposium, 8 November 2018, Zürich, Switzerland (Two Poster Presentations)

Auditory and nervous system pathology in a mouse model of Pompe disease

**Franzoso FD**, Ciron C, Hordeaux J, Bagarie C, Deniaud J, Colle MA

Comparative muscle pathology and regenerative pattern in a mouse model of Pompe disease

**Franzoso FD**, Gougeon E, Lagalice L, Dubreil L, Deniaud J, Rouger K, Colle MA

Joint European Congress of European College of Veterinary Pathologists (ECVP), ESTP and ESVP, Lyon, France, 30th August-3rd September 2017 (Two Posters and short Oral presentation)

Organ Clearing and Biphotonic Microscopy - an Innovative Complementary Technological Approach to Investigate the Central Nervous System

Dubreil L, Fleurisson R, Deniaud J, **Franzoso FD**, Colle MA

Medical imaging, Brain imaging, FOM, Bordeaux, 09-12 April 2017, France (Poster Presentation)

The interferon-induced MxB protein is a Herpes Simplex virus Type I restriction factor  
Cramer M, Walker R, **Franzoso FD**, Fraefel C, Pavlovic C

Cytokines International Congress 4th Annual Meeting of International Cytokine and Interferon Society, San Francisco, CA, 16-19 October 2016, USA (Oral Presentation)

Effects of host cell factors on transduction by adeno-associated virus 2 (AAV2) vectors  
**Franzoso FD**, Yakimovich A, Tobler K, Man A, Vogel R, Greber U, Ackermann M, Fraefel C  
ESVP/ECVP Annual Meeting, Bologna, 07-10 September 2016, Italy (Oral Presentation)

Restricted siRNA screen reveals differential effects of cellular proteins in gene expression from single-stranded and double-stranded AAV2 vectors  
**Franzoso FD**, Yakimovich A, Tobler K, Man A, Vogel R, Greber U, Ackermann M, Fraefel C  
16th International Parvovirus Workshop, Ajaccio, 20-23 June 2016, Corsica (Oral Presentation)

Differential transduction efficiency of single-stranded and double-stranded AAV2 vectors  
**Franzoso FD**, Yakimovich A, Tobler K, Man A, Vogel R, Greber U, Ackermann M, Fraefel C  
Swiss Society for Microbiology, Bern, 13-15 June 2016, Switzerland (Oral Presentation)

Can the subsystemic right ventricle remodel and contract like a left ventricle after atrial switch repair for transposition of the great arteries? Pathologic and magnetic resonance features  
Burkhardt BEU, Kellenberger CJ, Weber R, Oxenius A, Geiger J, **Franzoso FD**, Valsangiacomo Buechel ER  
9th Annual Meeting of the Association for European Paediatric and Congenital Cardiology (AEPC), Prague, 20 – 23 May 2015, Czech Republic (Poster Presentation)

Cellular factors involved in HSV-1-supported AAV2 replication  
**Franzoso FD**, Yakimovich A, Vogel R, Greber U, Vogt B, Ackermann M, Fraefel C  
Swiss Virology Meeting, Thun, 03-04 September 2014, Switzerland (Poster Presentation)

Replication of HSV-1 and AAV2 in co-infected cells depends on the cell cycle  
Vogel R, Seyffert M, Bräm A, Vogt B, **Franzoso FD**, Pereira B, Büning H, Ackermann M, Fraefel C  
15th International Parvovirus Workshop, Bordeaux, 03-06 September 2014, France (Oral Presentation)