

Silvia Adriana González

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | In vitro inhibitory effect of maraviroc on the association of the simian immunodeficiency virus envelope glycoprotein with CCR5. <i>Virus Genes</i> , 2021, 57, 106-110. | 1.6 | 2 |
| 2 | The Conserved Tyr176/Leu177 Motif in the $\hat{\pm}$ -Helix 9 of the Feline Immunodeficiency Virus Capsid Protein Is Critical for Gag Particle Assembly. <i>Viruses</i> , 2019, 11, 816. | 3.3 | 4 |
| 3 | Properties and Functions of Feline Immunodeficiency Virus Gag Domains in Virion Assembly and Budding. <i>Viruses</i> , 2018, 10, 261. | 3.3 | 17 |
| 4 | Analysis of the functional compatibility of SIV capsid sequences in the context of the FIV gag precursor. <i>PLoS ONE</i> , 2017, 12, e0177297. | 2.5 | 2 |
| 5 | Processing, fusogenicity, virion incorporation and CXCR4-binding activity of a feline immunodeficiency virus envelope glycoprotein lacking the two conserved N-glycosylation sites at the C-terminus of the V3 domain. <i>Archives of Virology</i> , 2016, 161, 1761-1768. | 2.1 | 4 |
| 6 | Lentiviral Gag Assembly Analyzed through the Functional Characterization of Chimeric Simian Immunodeficiency Viruses Expressing Different Domains of the Feline Immunodeficiency Virus Capsid Protein. <i>PLoS ONE</i> , 2014, 9, e114299. | 2.5 | 9 |
| 7 | Understanding the Process of Envelope Glycoprotein Incorporation into Virions in Simian and Feline Immunodeficiency Viruses. <i>Viruses</i> , 2014, 6, 264-283. | 3.3 | 10 |
| 8 | Structural elements in the Gag polyprotein of feline immunodeficiency virus involved in Gag self-association and assembly. <i>Journal of General Virology</i> , 2014, 95, 2050-2059. | 2.9 | 12 |
| 9 | Replacement of the V3 Domain in the Surface Subunit of the Feline Immunodeficiency Virus Envelope Glycoprotein with the Equivalent Region of a T Cell-Tropic Human Immunodeficiency Virus Type 1 Results in a Chimeric Surface Protein That Efficiently Binds to CXCR4. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, 250-259. | 1.1 | 4 |
| 10 | Palmitoylation of the feline immunodeficiency virus envelope glycoprotein and its effect on fusion activity and envelope incorporation into virions. <i>Virology</i> , 2012, 428, 1-10. | 2.4 | 11 |
| 11 | Mapping of the Self-Interaction Domains in the Simian Immunodeficiency Virus Gag Polyprotein. <i>AIDS Research and Human Retroviruses</i> , 2011, 27, 303-316. | 1.1 | 12 |
| 12 | In vitro assembly of the feline immunodeficiency virus Gag polyprotein. <i>Virus Research</i> , 2010, 150, 153-157. | 2.2 | 20 |
| 13 | In vitro binding of simian immunodeficiency virus matrix protein to the cytoplasmic domain of the envelope glycoprotein. <i>Virology</i> , 2008, 374, 273-279. | 2.4 | 24 |
| 14 | Importance of the short cytoplasmic domain of the feline immunodeficiency virus transmembrane glycoprotein for fusion activity and envelope glycoprotein incorporation into virions. <i>Virology</i> , 2007, 366, 405-414. | 2.4 | 15 |
| 15 | Mutations at the C-terminus of the simian immunodeficiency virus envelope glycoprotein affect gp120-gp41 stability on virions. <i>Virology</i> , 2006, 347, 217-225. | 2.4 | 18 |
| 16 | Second-Site Revertants of a Simian Immunodeficiency Virus gp41 Mutant Defective in Envelope Glycoprotein Incorporation. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 733-741. | 1.1 | 4 |
| 17 | Functional relationship between the matrix proteins of feline and simian immunodeficiency viruses. <i>Virology</i> , 2004, 329, 157-167. | 2.4 | 16 |
| 18 | Functional domains in the feline immunodeficiency virus nucleocapsid protein. <i>Virology</i> , 2004, 327, 83-92. | 2.4 | 35 |

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|----|---|------|-----------|
| 19 | Positive and Negative Modulation of Virus Infectivity and Envelope Glycoprotein Incorporation into Virions by Amino Acid Substitutions at the N Terminus of the Simian Immunodeficiency Virus Matrix Protein. <i>Journal of Virology</i> , 2003, 77, 10881-10888. | 3.4 | 23 |
| 20 | Differential Degradation of Amyloid β^2 Genetic Variants Associated with Hereditary Dementia or Stroke by Insulin-degrading Enzyme. <i>Journal of Biological Chemistry</i> , 2003, 278, 23221-23226. | 3.4 | 75 |
| 21 | Presenilin 1 overexpressions in Chinese hamster ovary (CHO) cells decreases the phosphorylation of retinoblastoma protein: relevance for neurodegeneration. <i>Neuroscience Letters</i> , 2002, 326, 9-12. | 2.1 | 19 |
| 22 | Small Variations in the Length of the Cytoplasmic Domain of the Simian Immunodeficiency Virus Transmembrane Protein Drastically Affect Envelope Incorporation and Virus Entry. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 1615-1624. | 1.1 | 25 |
| 23 | Mutational analysis of the feline immunodeficiency virus matrix protein. <i>Virus Research</i> , 2001, 76, 103-113. | 2.2 | 28 |
| 24 | Domains in the Simian Immunodeficiency Virus gp41 Cytoplasmic Tail Required for Envelope Incorporation into Particles. <i>Virology</i> , 2001, 283, 253-261. | 2.4 | 27 |
| 25 | Substitution of Leucine 8 in the Simian Immunodeficiency Virus Matrix Protein Impairs Particle Formation without Affecting N-Myristylation of the Gag Precursor. <i>Virology</i> , 1998, 240, 27-35. | 2.4 | 19 |
| 26 | Mutational Analysis of the Conserved Cysteine Residues in the Simian Immunodeficiency Virus Matrix Protein. <i>Virology</i> , 1995, 210, 501-507. | 2.4 | 15 |
| 27 | Expression of biologically active envelope glycoprotein from the acutely pathogenic simian immunodeficiency virus SIVsmmPBj. <i>Virus Genes</i> , 1994, 8, 75-78. | 1.6 | 4 |
| 28 | Assembly of the Matrix Protein of Simian Immunodeficiency Virus into Virus-like Particles. <i>Virology</i> , 1993, 194, 548-556. | 2.4 | 107 |
| 29 | Isolation of a mitotic-like cyclin homologue from the protozoan <i>Trypanosoma brucei</i> . <i>Gene</i> , 1993, 132, 75-82. | 2.2 | 36 |
| 30 | Rotavirus NS26 is modified by addition of single O-linked residues of N-acetylglucosamine. <i>Virology</i> , 1991, 182, 8-16. | 2.4 | 102 |
| 31 | Porcine OSU rotavirus segment II sequence shows common features with the viral gene of human origin. <i>Nucleic Acids Research</i> , 1989, 17, 6402-6402. | 14.5 | 15 |