**Curricum Vitae - Wilson Savino**

**1. SUMMARY OF DATA**

Wilson Savino was graduated in Biological Sciences at the University of the State of Rio de Janeiro (1974), got his M.Sc. degree in Histology and Embryology at the Federal University of Rio de Janeiro (1979), Ph.D. degree in Cell and Tissue Biology at the University of São Paulo (1982), and developed a post-doc training in Cellular Immunology at Necker Hospital, Paris (1983-1985). In the same hospital, he was appointed as Visiting Scientist in 2001-2003.

He is Full Researcher at the Oswaldo Cruz Foundation (Fiocruz), and Coordinator of Strategies for National and Regional Integration of Fiocruz. He is past President of the Brazilian Society of Immunology (1993-1995), the Brazilian Society of Cell Biology (2010-2014) and the International Society of Neuroimmunomodulation (2011-2014).

He is Full member of the Brazilian Academy of Sciences and The World Academy of Sciences. Also, he is awarded with the titles of class 1A Researcher at the Brazilian Research Council (CNPq), and Researcher of the Rio de Janeiro State for Support of Research (Faperj). Additionally, he is member of the International Scientific Board of the Montevidéo Institut Pasteur (Uruguay). Furthermore, he is Editor-in-Chief of the journal NeuroImmunoModulation and Associated Editor of Nutritional Immunology, (a specialty of the Journals Frontiers in Immunology and Fronties in Nutrition).

He is the coordinator of the National Institute of Science and Technology on Neuroimmunomodulation (funded by the Brazilian Ministry of Science and Technology) and the Rio de Janeiro network on Neuroinflammation. He is also the Brazilian coordinator of the Mercosur (FOCEM) Program on “Research, Education and Biotechnology Applied to Health”.

He received a number of awards, among them the title of "Chevalier dans l'Ordre de Palmes Académiques" (France), Doctor Honoris causa by Sorbonne Université (France) the Luis Federico Leloir Medal (Argentinean government), Guest of Honor (National University of Rosário, Argentina) and Eduardo Charreau Award (Argentinean Government).

He has expertise in Cellular Immunology, with emphasis in the following research areas: 1. Physiology of cell migration in the hemopoietic System; 2. Immunoneuroendocrine interactions in health and disease; 3) Lymphocyte migration and death in infectious diseases; 4. Lymphocyte migration in organ transplantation and autoimmune diseases; 5. Cell migration in leukemias and lymphomas; 6. Cell migration, cell therapy and immunotherapy in neuromuscular diseases.

**2. PERSONNAL DATA**

Name: Wilson SAVINO

Professional Status: Full Researcher

Professional Address: Laboratory on Thymus Research, Oswaldo Cruz Institute, Oswaldo Cruz Foundation, Ave. Brasil 4365, Manguinhos, 21045-900, Rio de Janeiro, Brazil

Phone: +552138658250

e-mail: wilson.savino@fiocruz.br - savino.w@gmail.com

**3. ACADEMIC DEGREES**

3.5. Doctor Honoris Causa in Medicine: Sorbonne Université, Paris (2019)

3.4. Post-Doctoral training in Cellular Immunology (1983-1985) Hôpital Necker, Paris.

3.3. PhD degree in Histology and Tissue Biology (1982) University of São Paulo

3.2. MSc degree in Histology and Embryology (1979) Federal University of Rio de Janeiro

3.1. Bachelor of Sciences, Biological Sciences (1970-1974) State University of Rio de Janeiro

**4. SELECTED ACTIVITIES OF RESEARCH, TEACHING AND MANAGEMENT**

4.18. Coordinator of Strategies for Regional and National Integration of the Oswaldo Cruz Foundation (Fiocruz). June 2017 - present

4.17*.* Director of the Oswaldo Cruz Institute, June 2013 - May 2017.

4.17. Coordinator of the Rio de Janeiro Network on Neuroinflammation. January 2020 – present.

4.15. Coordinator of the Brazilian National Institute of Science and Technology on Neuroimmunomodulation. 2017 – present.

4.14. Head of the Laboratory of Thymus Research, Oswaldo Cruz Institute, Fiocruz, 1990-2013.

4.13. President of the International Society of Neuroimmunomodulation, January 2012-December 2014.

4.12. President of the Brazilian Society of Cell Biology, July 2010-September 2014

4.11. Editor-in-Chief of the Journal *Neuroimmunomodulation.* Karger Ed. Basel, Switzerland), April 2007 - present

4.10. Member of the International Scientific Board of Institut Pasteur, Montevidéo, July 2009-present.

4.9. Coordinator of the Inserm/Fiocruz International Associated Laboratory of Cell Therapy and Immunotherapy, 2009-2014.

4.8. Coordinator of the MSc Program on Health Sciences, conjointly organized by The Oswaldo Cruz Foundation and the Mozambican National Institute of Health (Maputo), August 2007-january 2014.

4.7. Visiting Professor, Université Pierre et Marie Curie, January -June 2011

4.6. Visiting Scientist – Hôpital Necker (Paris), August 2001 – July 2003.

4.5. Head of the Department of Immunology, Oswaldo Cruz Institute, 1999 – 2001.

4.4. President of the Brazilian Society of Immunology, 1993-1995.

4.3. Research Director, Brazilian National Cancer Institute, Rio de Janeiro, 1993-1994;

4.2. Responsible for the creation of the MSc/PhD program in Cellular and Molecular Biology, Oswaldo Cruz Institute, launched in march 1989;

4.1. Associate Professor, Department of Histology and Embryology, Institute of Biomedical Sciences, Federal University of Rio de Janeiro, 1977-1987;

**5. ORGANIZATION OF SCIENTIFIC MEETINGS**

5.20. International symposium on Neuroinflammation, Fortaleza, November, 2017

5.19. 5.19. VIII Conference of the International Society of Immunonutrition, Rio de Janeiro, November, 2015

5.18. I Fiocruz-Pasteur Symposium. Rio de Janeiro, June 2015.

5.17. Fiocruz-Aviesan Symposium on Neuroscience. Rio de Janeiro, May 2014.

5.16. Congress of the Brazilian Society for Cell Biology. Foz do Iguaçu, September 2014

5.15. The Thymus and T Cell Biology in Health and Disease, Rio de Janeiro, August, 2011.

5.14. VII Congress of the International Society of Neuroimmunomodulation. Rio de Janeiro, April 24-27, 2008

5.13. XIII Congress of the Brazilian Society for Cell Biology / VIII Brazilian Symposium on Extracellular Matrix / III International Symposium on Extracellular Matrix. Búzios, July 26-30, 2006.

5.12. Co-organizer of the French-Brazilian cooperation in Heath: past, present and future. Paris, November 14-16, 2005.

5.11. Co-organizer of the 1st Joint Meeting of the Brazilian and the French Academies of Sciences. Paris, October 10-11, 2005.

5.10. Fiocruz/Inserm Joint Meeting: 15 years of scientific cooperation. Rio de Janeiro, October 03-05, 2005

5.9. Co-organizer of the American Pole Meeting of the International Network of Pasteur Institutes. Rio de Janeiro, April 15-17 2005.

5.8. 1st Iberoamerican Congress on Neuroimmunomodulation. Rio de Janeiro, April 10-13 2005.

5.7. Fiocruz/Inserm Joint Meeting on Cellular and Molecular Basis of Infectious and Autoimmune Diseases . Rio de Janeiro, October 01-04, 2000

5.6. XX Congress of the Brazilian Society of Immunology. Angra dos Reis (Rio de Janeiro), 10-13 September 1995.

5.5. International Symposium: Immunoneuroendocrine interactions in autoimmune and infectious diseases. Rio de Janeiro, 24-28 April, 1994.

5.4. XIX Congress of the Brazilian Society of Immunology. Caxambu, 24-28 August, 1994.

5.3. European Union/Fiocruz Joint Meeting on Molecular Basis of Pathogenesis and Virulence of Infectious and Parasitic Diseases. Rio de Janeiro, 25-29 November, 1991.

5.2. 1st Brazilian Symposium on Extracellular Matrix. Itatiaia (Rio de Janeiro), 13-16 September, 1990.

5.1. International Symposium on Immunomodulators: Biology and Therapeutic Applications. Rio de Janeiro, 26-30 April 1987.

**6. EDITOR FOR SPECIAL ISSUES IN SCIENTIFIC JOURNALS**

6.8. Hormones, Neurotransmitters, and T-Cell Development in Health and Disease, Frontiers in Endocrinoloy, 2018.

6.7. Endocrine Immunology. Frontiers in Hormone Research, 2017

6.6. T-cell Migration, Frontiers in Immunology, 2015

6.5. Neuroendocrineimmunology of the thymus. Neuroimmunomodulation, vo.18 (5), 2011.

6.4. Role of extracellular matrix in the immune system. *Dev. Immunol.* - vol 7, 2000.

6.3.Neuroendocrine control of the thymus - *NeuroImmunoModulation -* vol. 6,1999.

6.2. Molecular Basis of Pathogenesis and Virulence of Infectious and Parasitic Diseases. *Mem. Inst. Oswaldo Cruz* – vol 87 (suppl. V), 1992.

6.1. Immunomodulators: biology and therapeutic applications*. Mem. Inst. Oswaldo Cruz* vol. 82 (suppl. II), 1987.

**7. THESIS SUPERVISING:**

PhD Theses: 54 ; MSc Dissertations: 42

**8. AWARDS**

8.11. Eduardo Charreau Award (1st Edition), granted by the Argentinean governemt Received on June 4th

8.10. Doctor Honoris Causa of the Sorbonne University. Title received on Sptember 11, 2019.

8.9. Elected member of The Word Academy of Sciences (TWAS). Started on January 1st 2020.

8.8. Diploma and medal Luis Leloir, given by the Argentinean Ministry of Science, Technology and Productive Innovation. Ceremony held in Buenos Aires, November 2013.

8.7. Diploma and medal of “*Chevalier dans l’Ordre des Palmes Académiques*”, given by the French Ministry of Education. Ceremony held in Rio de Janeiro, August 2013.

8.6. Guest of Honor of the National University of Rosario School of Medicine. Title granted during the international conference: *Enfermedad de Chagas: ante sala de los 100 años*, on November 15th 2008, Rosario, Argentina.

8.5. The scientific cooperation by Wilson Savino and Mireille Dardenne was chosen to represent successful French-Brazilian collaboration in health sciences, being part of the exposition *Médecine, Science et Santé dans les rapports Brésil-France*, held from 15 november to 18 december 2005, at Musée du Service de Santé des Armées du Val de Grâce 1, Paris, France.

8.4. Elected member of the Brazilian Academy of Sciences – election held in 2003.

8.3. Creation of the Ph.D. / M.Sc. Post-graduation Program on Cellular and Molecular Biology at the Oswaldo Cruz Foundation, Rio de Janeiro – This program was created in march 1989, and since then received a degree of excellence provided by the Brazilian Ministry of Education, after regular evaluation by an international committee. The award was given in March 2003, in Rio de Janeiro.

8.2. Creation of the first “*Symposium on Extracellular Matrix*” in Brazil (1990) - This award was given during the International Symposium on Extracellular Matrix, Angra dos Reis, Brazil, September 2002.

8.1. Brazilian Citation Classics - Diploma awarded by the "*Institute for Scientific Information*" for being author of the most cited paper in Immunology, written by Brazilian scientists, during the 1990 decade.Savino W, Villa Verde DMS & Lannes Vieira J (1993) Extracellular matrix proteins in intrathymic T cell migration and differentiation? *Immunol. Today* 14: 158-161. The award was given in São Paulo, in April 2001.

**WILSON SAVINO – LIST OF PUBLICATIONS**

**(retrieved from the PubMed Database)**

324: Francelin C, Geniseli I, Nagib P, Gameiro J, Savino W, Verinaud L. Semaphorin-3A-Related Reduction of Thymocyte Migration in Chemically Induced Diabetic Mice. Neuroimmunomodulation. 2020 Mar 10:1-10. doi: 10.1159/000506054. [Epub ahead of print] PubMed PMID: 32155637.

323: Santos VRCD, Antunes D, Souza DDSM, Moreira OC, Lima ICA, Farias-de-Oliveira DA, Lobo JP, de Meis E, Coura JR, Savino W, Junqueira ACV, de Meis J. Human acute Chagas disease: changes in factor VII, activated protein C and hepatic enzymes from patients of oral outbreaks in Pará State (Brazilian Amazon). Mem Inst Oswaldo Cruz. 2020 Feb 27;115:e190364. doi: 10.1590/0074-02760190364. eCollection 2020. PubMed PMID: 32130371; PubMed Central PMCID: PMC7046146.

322: Linhares-Lacerda L, Temerozo JR, Ribeiro-Alves M, Azevedo EP, Mojoli A, Nascimento MTC, Silva-Oliveira G, Savino W, Foguel D, Bou-Habib DC, Saraiva EM. Neutrophil extracellular trap-enriched supernatants carry microRNAs able to modulate TNF-α production by macrophages. Sci Rep. 2020 Feb 17;10(1):2715. doi: 10.1038/s41598-020-59486-2. PubMed PMID: 32066757

321: Messias CV, Loss-Morais G, Carvalho JB, González MN, Cunha DP, Vasconcelos Z, Arge LWP, Farias-de-Oliveira DA, Gerber AL, Portari EA, Ferreira N, Raphael LMS, Bonaldo MC, Riederer I, Lopes Moreira ME, Cotta-de-Almeida V, Vasconcelos ATR, Mendes-da-Cruz DA, Savino W. Zika virus targets the human thymic epithelium. Sci Rep. 2020 Jan 28;10(1):1378. doi: 10.1038/s41598-020-58135-y. PubMed PMID: 31992777.

320: Messias CV, Lemos JP, Cunha DP, Vasconcelos Z, Raphael LMS, Bonaldo MC, Cister-Alves B, Bou-Habib DC, Cotta-de-Almeida V, Savino W, Mendes-da-Cruz DA. Zika virus infects human blood mononuclear cells. BMC Infect Dis. 2019 Nov 21;19(1):986. doi: 10.1186/s12879-019-4622-y. PubMed PMID: 31752731

319: Losada-Barragán M, Umaña-Pérez A, Durães J, Cuervo-Escobar S, Rodríguez-Veja A, Ribeiro-Gomes FL, Berbert LR, Morgado F, Porrozzi R, Mendes-da-Cruz DA, Aquino P, Carvalho PC, Savino W, Sánchez-Gómez M, Padrón G, Cuervo P. Thymic Microenvironment Is Modified by Malnutrition and *Leishmania infantum* Infection. Front Cell Infect Microbiol. 2019 Jul 12;9:252. doi: 10.3389/fcimb.2019.00252. eCollection 2019. PubMed PMID: 31355153

318: Pérez AR, Mendes-da-Cruz DA, Geenen V, Savino W. Editorial: Hormones, Neurotransmitters, and T-Cell Development in Health and Disease. Front Endocrinol (Lausanne). 2019 Jul 11;10:454. doi: 10.3389/fendo.2019.00454. eCollection 2019. PubMed PMID: 31354626.

317: Antunes D, Marins-Dos-Santos A, Ramos MT, Mascarenhas BAS, Moreira CJC, Farias-de-Oliveira DA, Savino W, Monteiro RQ, de Meis J. Oral Route Driven Acute *Trypanosoma cruzi* Infection Unravels an IL-6 Dependent Hemostatic Derangement. Front Immunol. 2019 May 14;10:1073. doi: 10.3389/fimmu.2019.01073. eCollection 2019. PubMed PMID: 31139194

316: Bensalah M, Klein P, Riederer I, Chaouch S, Muraine L, Savino W, Butler-Browne GS, Trollet C, Mouly V, Bigot A, Negroni E. Combined methods to evaluate human cells in muscle xenografts. PLoS One. 2019 May 2;14(5):e0211522. doi: 10.1371/journal.pone.0211522. eCollection 2019. PubMed PMID: 31048846.

315: Baronio D, Bauer-Negrini G, Castro K, Della-Flora Nunes G, Riesgo R, Mendes-da-Cruz DA, Savino W, Gottfried C, Bambini-Junior V. Reduced CD4 T Lymphocytes in Lymph Nodes of the Mouse Model of Autism Induced by Valproic Acid. Neuroimmunomodulation. 2018;25(5-6):280-284. doi: 10.1159/000491395. PubMed PMID: 30121669.

314: Mendes-da-Cruz DA, Lemos JP, Passos GA, Savino W. Abnormal T-Cell Development in the Thymus of Non-obese Diabetic Mice: Possible Relationship With the Pathogenesis of Type 1 Autoimmune Diabetes. Front Endocrinol (Lausanne). 2018 Jul 12;9:381. doi: 10.3389/fendo.2018.00381. eCollection 2018. Review. PubMed PMID: 30050502

313: Jurberg AD, Cotta-de-Almeida V, Temerozo JR, Savino W, Bou-Habib DC, Riederer I. Neuroendocrine Control of Macrophage Development and Function. Front Immunol. 2018 Jun 25;9:1440. doi: 10.3389/fimmu.2018.01440. eCollection 2018. Review. PubMed PMID: 29988513.

312: Pérez AR, Morrot A, Carvalho VF, de Meis J, Savino W. Role of Hormonal Circuitry Upon T Cell Development in Chagas Disease: Possible Implications on T Cell Dysfunctions. Front Endocrinol (Lausanne). 2018 Jun 14;9:334. doi: 10.3389/fendo.2018.00334. eCollection 2018. Review. PubMed PMID: 29963015

311: Lemos JP, Smaniotto S, Messias CV, Moreira OC, Cotta-de-Almeida V, Dardenne M, Savino W, Mendes-da-Cruz DA. Sphingosine-1-Phosphate Receptor 1 Is Involved in Non-Obese Diabetic Mouse Thymocyte Migration Disorders. Int J Mol Sci. 2018 May 12;19(5). pii: E1446. doi: 10.3390/ijms19051446. PubMed PMID: 29757216.

310: Ladislau L, Portilho DM, Courau T, Solares-Pérez A, Negroni E, Lainé J, Klatzmann D, Bonomo A, Allenbach Y, Benveniste O, Riederer I, Savino W, Mouly V, Butler-Browne G, Benjamim CF. Activated dendritic cells modulate proliferation and differentiation of human myoblasts. Cell Death Dis. 2018 May 1;9(5):551. doi: 10.1038/s41419-018-0426-z. PubMed PMID: 29748534

309: Santos VRCD, Meis J, Savino W, Andrade JAA, Vieira JRDS, Coura JR, Junqueira ACV. Acute Chagas disease in the state of Pará, Amazon Region: is it increasing? Mem Inst Oswaldo Cruz. 2018;113(5):e170298. doi: 10.1590/0074-02760170298. Epub 2018 May 7. PubMed PMID: 29742200.

308: Nico D, Conde L, Rivera-Correa JL, Vasconcelos-Dos-Santos A, Mesentier-Louro L, Freire-de-Lima L, Arruda MB, Freire-de-Lima CG, Ferreira ODC Jr, Lopes Moreira ME, Zin AA, Vasconcelos ZFM, Otero RM, Palatnik-de-Sousa CB, Tanuri A, Todeschini AR, Savino W, Rodriguez A, Morrot A. Prevalence of IgG Autoantibodies against GD3 Ganglioside in Acute Zika Virus Infection. Front Med (Lausanne). 2018 Mar 9;5:25. doi: 10.3389/fmed.2018.00025. eCollection 2018. PubMed PMID: 29594116.

307: Linhares-Lacerda L, Granato A, Gomes-Neto JF, Conde L, Freire-de-Lima L, de Freitas EO, Freire-de-Lima CG, Coutinho Barroso SP, Jorge de Alcântara Guerra R, Pedrosa RC, Savino W, Morrot A. Circulating Plasma MicroRNA-208a as Potential Biomarker of Chronic Indeterminate Phase of Chagas Disease. Front Microbiol. 2018 Mar 6;9:269. doi: 10.3389/fmicb.2018.00269. eCollection 2018. PubMed PMID: 29559958.

306: Savino W, Pinto-Mariz F, Mouly V. Flow Cytometry-Defined CD49d Expression in Circulating T-Lymphocytes Is a Biomarker for Disease Progression in Duchenne Muscular Dystrophy. Methods Mol Biol. 2018;1687:219-227. doi: 10.1007/978-1-4939-7374-3\_16. PubMed PMID: 29067667.

305: González MN, de Mello W, Butler-Browne GS, Silva-Barbosa SD, Mouly V, Savino W, Riederer I. HGF potentiates extracellular matrix-driven migration of human myoblasts: involvement of matrix metalloproteinases and MAPK/ERK pathway. Skelet Muscle. 2017 Oct 10;7(1):20. doi: 10.1186/s13395-017-0138-6. PubMed PMID: 29017538

304: Losada-Barragán M, Umaña-Pérez A, Cuervo-Escobar S, Berbert LR, Porrozzi R, Morgado FN, Mendes-da-Cruz DA, Savino W, Sánchez-Gómez M, Cuervo P. Erratum: Protein malnutrition promotes dysregulation of molecules involved in T cell migration in the thymus of mice infected with Leishmania infantum. Sci Rep. 2017 Sep 25;7:46809. doi: 10.1038/srep46809. PubMed PMID: 28944769.

303: Carvalho Barros LR, Linhares-Lacerda L, Moreira-Ramos K, Ribeiro-Alves M, Machado Motta MC, Bou-Habib DC, Savino W. HTLV-1-infected thymic epithelial cells convey the virus to CD4(+) T lymphocytes. Immunobiology. 2017 Dec;222(12):1053-1063. doi: 10.1016/j.imbio.2017.08.001. Epub 2017 Aug 14. PubMed PMID: 28888743.

302: Golbert DCF, Santana-Van-Vliet E, Ribeiro-Alves M, Fonsêca MMBD, Lepletier A, Mendes-da-Cruz DA, Loss G, Cotta-de-Almeida V, Vasconcelos ATR, Savino W. Small interference ITGA6 gene targeting in the human thymic epithelium differentially regulates the expression of immunological synapse-related genes. Cell Adh Migr. 2018 Mar 4;12(2):152-167. doi: 10.1080/19336918.2017.1327513. Epub 2017 Aug 30. PubMed PMID: 28494186

301: Losada-Barragán M, Umaña-Pérez A, Cuervo-Escobar S, Berbert LR, Porrozzi R, Morgado FN, Mendes-da-Cruz DA, Savino W, Sánchez-Gómez M, Cuervo P. Protein malnutrition promotes dysregulation of molecules involved in T cell migration in the thymus of mice infected with Leishmania infantum. Sci Rep. 2017 Apr 11;7:45991. doi: 10.1038/srep45991. Erratum in: Sci Rep. 2017 Sep 25;7:46809. Sci Rep. 2017 Sep 25;7(1):46809. PubMed PMID: 28397794.

300: Silva-Dos-Santos D, Barreto-de-Albuquerque J, Guerra B, Moreira OC, Berbert LR, Ramos MT, Mascarenhas BAS, Britto C, Morrot A, Serra Villa-Verde DM, Garzoni LR, Savino W, Cotta-de-Almeida V, de Meis J. Unraveling Chagas disease transmission through the oral route: Gateways to Trypanosoma cruzi infection and target tissues. PLoS Negl Trop Dis. 2017 Apr 5;11(4):e0005507. doi: 10.1371/journal.pntd.0005507. eCollection 2017 Apr. PubMed PMID: 28379959

299: Savino W. Endocrine Immunology of Chagas Disease. Front Horm Res. 2017;48:160-175. doi: 10.1159/000452914. Epub 2017 Feb 28. Review. PubMed PMID: 28245460.

298: Savino W. Prolactin: An Immunomodulator in Health and Disease. Front Horm Res. 2017;48:69-75. doi: 10.1159/000452906. Epub 2017 Feb 28. Review. PubMed PMID: 28245452.

297: Cotta-de-Almeida V, Dupré L, Savino W. Editorial: T-Cell Migration in Health and Disease. Front Immunol. 2017 Feb 13;8:132. doi: 10.3389/fimmu.2017.00132. eCollection 2017. PubMed PMID: 28243238.

296: Savino W, Messias CV, Mendes-da-Cruz DA, Passos P, Ferreira AC, Nascimento OJ. Zika Virus Infection in the Elderly: Possible Relationship with Guillain-Barré Syndrome. Gerontology. 2017;63(3):210-215. doi: 10.1159/000453579. Epub 2016 Dec 22. Review. PubMed PMID: 28002820.

295: Messias CV, Santana-Van-Vliet E, Lemos JP, Moreira OC, Cotta-de-Almeida V, Savino W, Mendes-da-Cruz DA. Sphingosine-1-Phosphate Induces Dose-Dependent Chemotaxis or Fugetaxis of T-ALL Blasts through S1P1 Activation. PLoS One. 2016 Jan 29;11(1):e0148137. doi: 10.1371/journal.pone.0148137. eCollection 2016. PubMed PMID: 26824863.

294: González FB, Calmon-Hamaty F, Nô Seara Cordeiro S, Fernández Bussy R, Spinelli SV, D'Attilio L, Bottasso O, Savino W, Cotta-de-Almeida V, Villar SR, Pérez AR. Trypanosoma cruzi Experimental Infection Impacts on the Thymic Regulatory T Cell Compartment. PLoS Negl Trop Dis. 2016 Jan 8;10(1):e0004285. doi: 10.1371/journal.pntd.0004285. eCollection 2016 Jan. PubMed PMID: 26745276.

293: Pinto-Mariz F, Rodrigues Carvalho L, Prufer De Queiroz Campos Araujo A, De Mello W, Gonçalves Ribeiro M, Cunha Mdo C, Cabello PH, Riederer I, Negroni E, Desguerre I, Veras M, Yada E, Allenbach Y, Benveniste O, Voit T, Mouly V, Silva-Barbosa SD, Butler-Browne G, Savino W. CD49d is a disease progression biomarker and a potential target for immunotherapy in Duchenne muscular dystrophy. Skelet Muscle. 2015 Dec 10;5:45. doi: 10.1186/s13395-015-0066-2. eCollection 2015. PubMed PMID: 26664665.

292: Savino W, Mendes-da-Cruz DA, Golbert DC, Riederer I, Cotta-de-Almeida V. Laminin-Mediated Interactions in Thymocyte Migration and Development. Front Immunol. 2015 Nov 17;6:579. doi: 10.3389/fimmu.2015.00579. eCollection 2015. Review. PubMed PMID: 26635793.

291: Reis MD, Csomos K, Dias LP, Prodan Z, Szerafin T, Savino W, Takacs L. Decline of FOXN1 gene expression in human thymus correlates with age: possible epigenetic regulation. Immun Ageing. 2015 Oct 29;12:18. doi: 10.1186/s12979-015-0045-9. eCollection 2015. PubMed PMID: 26516334.

290: Arzt E, Savino W, Barbeito L. Editorial. FEBS Lett. 2015 Nov 14;589(22):3329. doi: 10.1016/j.febslet.2015.10.007. Epub 2015 Oct 22. PubMed PMID: 26472322.

289: Riederer I, Bonomo AC, Mouly V, Savino W. Laminin therapy for the promotion of muscle regeneration. FEBS Lett. 2015 Nov 14;589(22):3449-53. doi: 10.1016/j.febslet.2015.10.004. Epub 2015 Oct 10. Review. PubMed PMID: 26459029.

288: Gudo ES, Silva-Barbosa SD, Linhares-Lacerda L, Ribeiro-Alves M, Real SC, Bou-Habib DC, Savino W. HAM/TSP-derived HTLV-1-infected T cell lines promote morphological and functional changes in human astrocytes cell lines: possible role in the enhanced T cells recruitment into Central Nervous System. Virol J. 2015 Oct 12;12:165. doi: 10.1186/s12985-015-0398-x. PubMed PMID: 26458945.

287: Gottfried C, Bambini-Junior V, Francis F, Riesgo R, Savino W. The Impact of Neuroimmune Alterations in Autism Spectrum Disorder. Front Psychiatry. 2015 Sep 9;6:121. doi: 10.3389/fpsyt.2015.00121. eCollection 2015. Review. PubMed PMID: 26441683.

286: Savino W, Mendes-da-Cruz DA, Lepletier A, Dardenne M. Hormonal control of T-cell development in health and disease. Nat Rev Endocrinol. 2016 Feb;12(2):77-89. doi: 10.1038/nrendo.2015.168. Epub 2015 Oct 6. Review. PubMed PMID: 26437623.

285: Linhares-Lacerda L, Palu CC, Ribeiro-Alves M, Paredes BD, Morrot A, Garcia-Silva MR, Cayota A, Savino W. Differential Expression of microRNAs in Thymic Epithelial Cells from Trypanosoma cruzi Acutely Infected Mice: Putative Role in Thymic Atrophy. Front Immunol. 2015 Aug 21;6:428. doi: 10.3389/fimmu.2015.00428. eCollection 2015. PubMed PMID: 26347748.

284: Matavele Chissumba R, Silva-Barbosa SD, Augusto Â, Maueia C, Mabunda N, Gudo ES Jr, Bhatt N, Jani I, Savino W. CD4(+)CD25(High) Treg cells in HIV/HTLV co-infected patients with neuropathy: high expression of Alpha4 integrin and lower expression of Foxp3 transcription factor. BMC Immunol. 2015 Sep 2;16:52. doi: 10.1186/s12865-015-0116-x. PubMed PMID: 26329520.

283: Barreto-de-Albuquerque J, Silva-dos-Santos D, Pérez AR, Berbert LR, de Santana-van-Vliet E, Farias-de-Oliveira DA, Moreira OC, Roggero E, de Carvalho-Pinto CE, Jurberg J, Cotta-de-Almeida V, Bottasso O, Savino W, de Meis J. Trypanosoma cruzi Infection through the Oral Route Promotes a Severe Infection in Mice: New Disease Form from an Old Infection? PLoS Negl Trop Dis. 2015 Jun 19;9(6):e0003849. doi: 10.1371/journal.pntd.0003849. eCollection 2015 Jun. PubMed PMID: 26090667.

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