NAME: **María Asunción Mejías, M.D.**

BIRTHDATE: March 22, 1971
Málaga, Spain

CITIZENSHIP: Spain.

OFFICE ADDRESS: The University of Texas Southwestern Medical Center
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EDUCATION: Facultad de Medicina, Universidad de Málaga
Málaga, Spain
October 1989 - July 1995

PROFESIONAL EXPERIENCE:

1997-2001: Residency, Department of Pediatrics
Hospital General Universitario Gregorio Marañón
Universidad Complutense, Madrid, Spain

2001-2003: Postdoctoral Research Fellow
Pediatric Infectious Diseases
University of Texas Southwestern Medical Center

2003- 2006 Fellowship in Pediatric Infectious Diseases
Pediatric Infectious Diseases
University of Texas Southwestern Medical Center

2006-2007 Senior Research Scientist
Pediatric Infectious Diseases
University of Texas Southwestern Medical Center

2007-- Assistant Professor of Pediatrics
Pediatric Infectious Diseases
University of Texas Southwestern Medical Center

2007-2010 Clinical Research Scholar
Clinical Research Scholar Program
Department of Clinical Sciences
University of Texas Southwestern Medical Center

CERTIFICATIONS:

M.D.:	Facultad Medicina Universidad de Málaga, Spain, July 1995
Pediatrics Specialist:	Facultad Medicina, Universidad Complutense, Madrid, Spain, May 2001
FMGEMS:	June 2003
Texas State Board Of Medical Examiners	February 2008 (M 8833)

AWARDS:

- Thirteen Arbora & Ausonia Pediatric ***Research Award*** for the project "Innate Immunity and Airway Hyperresponsiveness Associated with Respiratory Syncytial Virus Lower Respiratory Tract Infections" at the 50th Annual Meeting of the Pediatric Spanish Association. Cádiz, Spain, June 2001. Sponsored by the Pediatric Spanish Association.
- MedImmune 2003-2004 Pediatric ***Fellowship Award*** in Viral Respiratory Infectious Diseases for the project "Determinants of RSV-Induced Long Term Airway Disease" at the Pediatric Academic Societies' 2004 Annual Meeting (SPR-APS). May 2, 2004, San Francisco, CA.
- George McCracken Infectious Disease ***Fellow Travel Grant*** for the project "Differential Gene Expression Profiles in Peripheral Blood Mononuclear Cells (PBMCs) of Children with Respiratory Syncytial Virus (RSV) and Influenza Virus (Flu) Infections" at 45th ICAAC, Washington, DC, December 16-19, 2005
- RGK Foundation ***Fellowship Grant*** in Infectious Diseases at Children's Medical Center Dallas. September 2005-present
- 2006 Pediatric Academy Society ***Young Investigator's Travel Award*** for the project "Modular Gene Expression Analysis of Children with Respiratory Syncytial Virus (RSV) And Influenza Virus (Flu) Infections Demonstrates Differences in Immune Profiles and Correlates with Disease Severity." at PAS Annual Meeting, San Francisco, CA, April 29-May 2, 2006
- ***ICAAC Program Committee Award*** in the area of *Pathogenesis of Microbial Diseases* for the project "Transcriptional Signatures as a New Approach for Assessing Disease Severity in Children with Respiratory Syncytial Virus (RSV) Bronchiolitis" at 46th ICAAC, San Francisco, CA, September 27-30, 2006.
- **Clinical Research Scholar (2007-2010).** Department of Clinical Sciences, Clinical Research Scholar Program (1 UL1 RR024982-01). UT Southwestern Medical Center.

PROFESSIONAL SOCIETIES:

American Society for Microbiology
Pediatric Infectious Disease Society
Infectious Diseases Society of America
European Society for Pediatric Infectious Diseases
Sociedad Española de Infectología Pediátrica
Sociedad Española de Pediatría

REVIEWER (peer review journals)

Journal of Immunology
Journal of Virology
Clinical Infectious Diseases
Thorax
Pediatric Infectious Diseases Journal
Pediatric Allergy and Immunology
Journal of Innate Immunity
Journal of Pediatric Infectious Diseases
Drug Design, Development and Therapy
Anales Españoles de Pediatría

ADVISORY BOARD

Swiss National Science Foundation
Abbot Laboratories
PeerPoint Medical Education Institute
Global Expert Meeting on Respiratory Viruses

COMITTEES

- Membership Committee "I Childhood Neurology Course in the diary practice". H.G.U. Gregorio Marañón, Madrid. Spain. October 1999.
- Member, Scientific Committee on "2ª Meeting in Pediatric Infectious Diseases update". H.G.U. Gregorio Marañón. Madrid October 2000.
- Chair, Scientific Communications on "50 National Spanish Pediatric Meeting". Cádiz, Spain, June 2001.
- Steering Committee for the "7th Global Expert Meeting in Respiratory Viral Infections" London, UK, May 2009

TEACHING RESPONSIBILITIES AT UT SOUTHWESTERN MEDICAL CENTER

- MSII: Medical Microbiology Conferences (2006-08)
- MSIII & MS IV: Pediatric Infectious Diseases Group Conferences (2003-06)

- **Scholar Oversight Committee**:
- Cynthia Somers, MD (2007),
- Michael Chang, MD (2008-10);
- Carla García, MD (2007-10),
- Alejandro Jordan, MD (2008-11)

- **Trainees:**

Medical Students:
- Ali Syed (MS4): February 2006
- Eileen Foy (MS4): March 2007
- Erik Bustamante (MS2): June-August (Jointly with Dr P. Sanchez)
- Andrew Kleinberg (MS2): June-August (Jointly with Dr P. Sanchez)

Medical Residents:
- Devin Fernandes, MD (PL-2): September 2005
- Rasha Sawaya, MD (PL-2): June 2007
- Margaret Trost, MD (PL-2): July-October 2008

Postdoctoral Fellows
- Dora Estripeaut, MD, 2006-2007
- Rodrigo Vergara, MD 2006-2007
- Juan Pablo Torres, MD. PhD, 2007-2008 (Jointly with Dr O. Ramilo)
- Michael L. Chang, MD, 2007-2010 (Jointly with Dr O. Ramilo)
- Carla Garcia, MD. 2007-2010 (Jointly with Dr O. Ramilo)
- Alejandro Jordan Villegas, MD. 2008-2011 (Jointly with Dr O. Ramilo)
- Amanda Evans, MD. 2008-2011 (jointly with Dr P.J. Sanchez)

RESEARCH SUPPORT

Ongoing Research Support

- Abbott (8/2008-09).
  Transcriptional signatures and SNIPs in Children with RSV-induced wheezing.
  Role: Principal Investigator

- HRSA-EMSC TI (9/2007-10). O. Ramilo (PI)
  Application of Transcriptional signatures for Diagnosis of Febrile Infants within the Pediatric Emergency Care Applied Research Network (PECARN).
  Role: Co-investigator

- 1U19AI057234-010003 NIAID (10/1/09-9/31/11) O. Ramilo (PI Project 3)
  Immune responses to Swine influenza and Generation of targeted vaccines. The purpose of the project is the application of microarray analysis in childen with the novel H1N1 to aid in the development of targeted flu vaccines.
  Role: Co-investigator

Completed Research Support

- Pediatric Fellowship Award (2004-2005) in Viral Respiratory Infectious Diseases for the project "Determinants of RSV-Induced Long Term Airway Disease" at the Pediatric Academic Societies' 2004 Annual Meeting (SPR-APS). Sponsored by MedImmune Inc.
  Role: Principal Investigator

- RGK Foundation Fellowship Grant in Infectious Diseases at Children's Medical Center Dallas (9/05-9/06).
  Role: Principal Investigator

- MedImmune (1/2009-9/2009)
  Anti-RSV antibodies modulate acute and chronic gene expression.
  Role: Principal Investigator

- RGK Foundation Clinical Scholar Grant in Infectious Diseases at Children's Medical Center Dallas. (6/01/07-9/31/09).
  Role: Principal Investigator

- 1U19AI057234-010003 NIAID (10/1/03-3/31/09) O. Ramilo (PI Project 3)
  Biosignatures for Diagnosis of Biothreat. This project is part of the Baylor Cooperative Center for Human Immunology and Biodefense (U19 Overall PI J. Banchereau). The purpose of the project is the application of microarray analysis in the clinical setting to developed novel diagnostic strategies in patients with infections.
  Role: Co-investigator

- Clinical Research Support Individual Project Grant, Children's Medical Center of Dallas, (12/2003). Title of the Project "Respiratory Syncytial Virus (RSV) Quantification by Real Time Polymerase Chain Reaction and Markers of Disease Severity in Children".
  Role: Co-investigator

- No number available O. Ramilo (PI) 05/04 – 5/06
  MedImmune laboratories.
  Potential applications of anti-RSV antibodies for prevention of Chronic Disease
  The goal of this study is to evaluate the effect of anti-RSV antibodies in the long-term airway hyperresponsiveness and lung induced airway disease.
  Role: Co-investigator

PUBLICATIONS:

PEER- REVIEWED REPORTS

1. Zamora Flores E., **Mejías A.**, Cristina de la Torre A.I., Rodríguez Fernández R., Aranguez Moreno G, Gómez Campderá J.A. Acute Mastoiditis: Review in pediatrics. Revista Española de Pediatría 1999; 55(5): 441-44.

2. **Megías A.**, López-Herce Cid J., García Sanz C., Cristina de la Torre A.I., López Gómez M.L., de Arana Amurrio I., Navarro M.L.. Cerebral Malaria. Revista Española de Pediatria 1999; 55(3): 275-278.

3. López Gómez M.L., Castro P, Bernardo AB, **Megías A**, Blanco D. Early assessment in perinatal hypoxia. Prognosis Markers. Rev Neurol. 2000; 31(12): 1142-1146

4. **Mejías A.,** Gómez Campdera JA, Navarro Gómez ML, Uran Moreno M, González Sanchez MI, Rodríguez Fernández R. Coinfection with Chlamydia and Mycoplasma. Incidence in our environment. Anales Españoles de Pediatría 2002: 57 (2): 110-5

5. Lee C. M, Ríos A.M, Fonseca Aten M, **Mejías A**, Cavuoti DO, McCracken Jr GH and R.D. Hardy. Management and Outcome of Children with Skin and Soft Tissue Abscesses caused by Community-Acquired MRSA.. Pediatric Infectious Disease Journal, 2004: 23 (2); 123-7

6. **Mejías A.** Chávez-Bueno S., Ríos A.M., Saavedra-Lozano J., Fonseca-Aten M., Hatfield J., Kapur P., Gómez A.M, Jafri H.S. and Ramilo O. Anti-RSV Neutralizing Antibody decreases lung inflammation, airway obstruction and airway hyperresponsiveness in the Respiratory Syncytial Virus model. Antimicrobial Agents and Chemotherapy 2004: 48 (5); 1811-1822

7. Jafri HS, Chávez-Bueno S., **Mejías A**., Ríos A.M, Nassi S., Yusuf M., Kapur P., Gómez A.M., Hardy R.D., Hatfield J., Rogers B.B., and Ramilo O. Respiratory syncytial virus lower respiratory tract infection induces acute pneumonia, cytokine response, airway obstruction and chronic inflammatory infiltrates associated with long-term airway hyperresponsiveness in a murine model. Journal of Infectious Diseases 2004: 189 (10); 1856-65

8. Ríos A.M, **Mejías** A, Chávez-Bueno S, Fonseca Aten M, Katz K, Hatfield J, Gómez A.M, Jafri H.S, McCracken Jr GH, Ramilo O and R.D. Hardy. Impact of Cethromycin (ABT –773) Therapy on Microbiological, Histologic, Immunologic and Respiratory Indices in a Murine Model of Mycoplasma pneumoniae Lower Respiratory Infection. Antimicrobial Agents and Chemotherapy 2004 48(8): 2897-2904

9. Romero R, Garcia-Casillas MA, Matute JA, Barrientos G, Zamora E, **Mejías A,** Cerda J, Sanchez R, Franco ML, Molina E, Vazquez J. Role of peritoneal drainage in very low birth weight with enterocolitis. Cir Pediatr. 2005 Apr;18(2):88-92

10. Fonseca-Aten M., Ríos A.M., **Mejías A**, Chávez-Bueno S., Katz K., Gómez AM., McCracken Jr GH and Hardy R.D. Mycoplasma pneumoniae Induces Host-Dependent Pulmonary Inflammation and Airway Obstruction in Mice. Am J Respir Cell Mol Biol, 2005 : 32(3):201-210

11. Chávez-Bueno S., **Mejías A**., Gómez A.M., Olsen K.D, Ríos A.M, Fonseca-Aten M., Ramilo O. and Jafri H.S. Respiratory syncytial virus-induced acute and chronic airway disease is independent of genetic background: An experimental murine model. Virol Journal 2005; 2(1):46

12. Ríos A.M, Fonseca Aten M, **Mejías A**, Chávez-Bueno S, Katz K, Gómez A.M, McCracken Jr GH, Ramilo O and R.D. Hardy. Single dose of Azithromycin for the Treatment of Experimental Mycoplasma pneumoniae pneumonia: A Microbiologic and Immunologic Evaluation. Antimicrobial Agents and Chemotherapy 2005: 49 (9): 3970-3973.

13. Fonseca-Aten M., Salvatore C., **Mejías A**., Ríos A.M., Chávez-Bueno S., Katz K., Gómez AM., McCracken Jr GH and Hardy R.D.. Evaluation of LBM-415 (NVP, PDF-713), a Novel Peptide Deformylase Inhibitor, for the Treatment of Experimental Mycoplasma Pneumoniae Pneumonia. Antimicrobial Agents and Chemotherapy, 2005: 49 (10): 4128-36

14. **Mejías A**, Chávez-Bueno S. Ríos A.M, Fonseca Aten M., Raynor B., Peromingo E., Soni P., Olsen K.D, Kiener, PA, Gómez A.M, Jafri H.S. and Ramilo O. Comparative Effect of Two Neutralizing anti-RSV Monoclonal Antibodies in the Respiratory Syncytial Virus Murine Model. Time versus Potency. Antimicrobial Agents and Chemotherapy 2005: 49 (11): 4700-7

15. Chaussabel D., Allman W., **Mejías A**., Chung W., Bennett L., Ramilo O., Pascual V., Palucka A.K and Banchereau J.. Analysis of significance patterns identifies ubiquitous and disease-specific gene expression signatures in patient's peripheral blood leukocytes. Ann N Y Acad Sci. 2005 Dec; 1062:146-54.

16. Arriola G, Cidoncha E, Lopez-Herce J, Rodriguez R, **Mejías A,** Gurbindo MD. Case2: A previously healthy three-month-old baby with dyspnoea and expiratory grunting. Acta Paediatr. 2006 Jun;95(6):758-9

17. Fonseca-Aten M., Ríos A, **Mejías A**., Chávez-Bueno S., Katz K, Gomez A.M, Ramilo O, McCracken GH and Hardy R.D. Treatment of experimental chronic pulmonary mycoplasmosis. International J Antimicrob Agents, 2006 Sept: 28(3):253-58

18. Fonseca-Aten M., Okada P.J, Bowlware K.L., Chávez-Bueno S., **Mejías A**., Ríos A, Katz K, Olsen K, Jafri H.S., McCracken G.H, , Ramilo O and Hardy R.D. Effect of Clarithromycin on Cytokines and Chemokines in Children with Acute Exacerbation of Recurrent Wheezing: A Double-Blind, Randomized, Placebo-Controlled Trial. Annals of Allergy, Asthma & Immunology. 2006 Oct; 97 (4):457-63.

19. Salvatore, C.M. Fonseca-Aten M, Katz-Gaynor K, Gomez A.M, **Mejias A**, Somers C, Chavez-Bueno S, McCracken G.H, and Hardy R.D. Respiratory Tract Infection with *Mycoplasma pneumoniae* in IL-12 Knock-Out Mice Results in Improved Bacterial Clearance and Reduced Pulmonary Inflammation. Infect Immun. 2007; 75(1):236-42.

20. Ramilo O., Allman W., Chung W., **Mejías A,** Glaser C, Wittkowski K. M.,., Piqueras B., Bennet L., Pascual V., Banchereau J., Palucka K. and Chaussabel D. Gene Expression Patterns in Blood Leukocytes Discriminate patients with Acute Infections. Blood March 2007: 109 (5): 2066-77

21. Santos RP, Sanchez P.J, **Mejías A,** Benjamin DK, Walsh TJ, Patel S and Jafri H.S. Successful Medical Treatment of Cutaneous Aspergillosis in a Preamture Infant using Liposomal Amphotericin B, Voriconazole and Micafungin. Pediatric Infectious Disease Journal 2007; 26 (4):364-66.

22. G. Pérez-Yarza E, Moreno A, Lazaro P, **Mejías A** and Ramilo O. The Association between Respiratory Syncytial Virus Infection and the Development of Childhood Asthma: A Systematic Review of the Literature. Pediatric Infectious Diseases Journal 2007; 26: 733-39

23. Allantaz F., Chaussabel D., Stichweh D., Punaro M., Bennet L., Allman W, **Mejías A,** Ardura MI, Chung W, Wise C, Palucka K, Ramilo O, Banchereau J and Pascual V. Blood leukocyte Microarray to Diagnosis Systemic Onset Juvenile Idiopathic Arthritis and follow the response to IL-1 Blockade. J Exp. Med 2007; Sep 3;204(9):2131-44

24. **Mejías A,** Chavez-Bueno S, Raynor M.B, Connolly J, Kiener P.A, Jafri HS, Ramilo O. Motavizumab, an enhanced anti-respiratory syncytial virus (RSV) neutralizing monoclonal antibody significantly modifies the local and systemic cytokine responses induced by RSV in the mouse model. Virol J 2007; Oct 25; 4(1):109

25. Chavez-Bueno S, **Mejías A**, Ahmad N, Merryman R, Jafri H.S, Ramilo O. IntravenousPalivizumab and Ribavirin Combination for Treatment of Respiratory Syncytial Virus Disease in High-Risk Pediatric Patients. Pediatr Infect Dis J 2007; 26 (12): 1089-1093.

26. Ardura M.I, **Mejías A**, Gaynor-Katz K., Revell P, McCracken G.H and Sanchez P.J. Daptomycin therapy for Invasive Gram-positive Bacterial Infections in Children. Pediatr Infect Dis J 2007; 26 (12): 1128-1132.

27. Saavedra-Lozano J, **Mejías A**, Ahmad N, Peromingo E, Ardura M.I, Guillen S, Syed A, Cavuoti D, Ramilo O. Changing Trends in Acute Osteomyelitis in Children: Impact of Methicillin-Resistant *Staphylococcus Aureus* Infections. J Ped Orthopaedics 2008; 28 (5):569-75.

28. Chaussabel, D., Quinn, C., Shen, J., Patel, P., Glaser, C., Baldwin, N., Stichweh, D. Bennett, L., Allantaz, F., **Mejías A.**, Ardura, M., Kaizer, E., Monnet, L., Allman, W., Randall, H., Punaro, M., Wittkowski, KM., White P., Fay, J., Klintmalm, G., Ramilo, O., Palucka, A.K., Banchereau, J. and Pascual, V. A modular framework for biomarker and knowledge discovery from blood transcriptional profiling studies: application to systemic lupus erythematosus. Immunity 2008; 29 (1): 150-64.

29. Tagliabue C, Salvatore CM, Techasaensiri C, **Mejías A**, Torres JP, Katz K, Gomez A.M, Esposito S, Principi N, Hardy R.D. Combined Macrolide/Steroid Therapy is Superior to Either Therapy Alone in Experimental *Mycoplasma pneumoniae* Respiratory Infection . J Infect Dis 2008;198 (15):1-9

30. Burns J.C, Best B.M, **Mejías A**, Mahony L, Melish M. E, Jackson M.A, Asmar B, Lang D, Connor J, Keenan G, Ramilo O. Infliximab treatment of IVIG-resistant Kawasaki disease. J Peds 2008; 153 (6):833-38

31. Estripeaut D, Torrres JP, Somers C, Tagliabue C, Khokhar S, Bohj V.G, Grube S, Wozniakowski A, Gomez A, Ramilo O, Jafri H and **Mejías A**. Respiratory Syncytial Virus persistence in the lungs correlates with airway hyperreactivity in the mouse model. J Infect Dis 2008; 198: 1435-43

32. Gill M.A, Long K, Kwon T, Muñiz L, **Mejías A**, Connolly J, Roy L, Banchereau J and Ramilo O. Differential recruitment of dendritic cells and monocytes to respiratory mucosal sites in children with influenza and respiratory syncytial virus infections. J Infect Dis 2008; 198 (11):1667-76

33. Bhoj VG, Sun Q, Bhoj E, Somers C, Chen X, Torres JP, **Mejías A**, Gomez A, Jafri H, Ramilo O, Chen Z. J. MAVS and MyD88 Are Essential for Innate Immunity But Not Cytotoxic T Lymphocyte Response Against Respiratory Syncytial Virus. Proc Natl Acad Sci U S A 2008; 105 (37):14046-51

34. **Mejías A**, Bustos R, Ardura M, Ramírez C, Sánchez PJ. Persistence of Herpes Simplex Virus DNA in Cerebrospinal Fluid of Neonates with Herpes Simplex Virus Encephalitis. J Perinatol 2009 (4): 290-6.

35. Ardura M, Banchereau R, **Mejías A**, Di Pucchio T, Glaser C, Allantaz F, Pascual V, Banchereau J, Chaussabel D and Ramilo O. System Biology Approach to Invasive Staphylococcus Aureus Infections Reveals Reduced Central Memory T cells and Increase Monocytes. PLOS One 2009; 4(5):e5446

36. Somers C, Naveed A, **Mejías A,** Buckingham S. C, Carubelli C, Katz-Gaynor K, Leos N, Gomez A, DeVincenzo J.P, Ramilo O, Jafri H.S. Effect of dexamethasone on RSV-induced lung inflammation in children: results of a randomized, placebo controlled clinical trial. Ped Allergy and Immunol 2009: 20 (5):477-85

37. Techasaensiri B, Techasaensiri C, **Mejias A**, McCracken G and Ramilo O. Viral Co-infections in Children with Invasive Pneumococcal Disease. Ped Infect Dis J, 2010 (in press)

INVITED REVIEWS

1. **Mejías A.** and Ramilo O. Asthma and RSV. Myth or truth?. Anales Españoles de Pediatría 2002: 57(3): 199-204

2. **Mejías** A, and Ramilo O. Asthma and RSV. Anales Españoles de Pediatría 2003: 58(1): 87-88

3. **Mejías A**., Chavez-Bueno S. and Ramilo O. Human Metapneumovirus: A Not so new Virus. CME review. Pediatric Infectious Disease Journal, 2004: 23 (1): 1-10.

4. **Mejías A**. Chávez-Bueno S., Ríos A.M., M. Fonseca Aten, A.M Gómez, H.S. Jafri and O. Ramilo. RSV and Asthma. New Opportunities of Therapeutic Intervention. Anales Españoles de Pediatría 2004: 61(3):252-60

5. **Mejías A**., Chávez-Bueno S and Sánchez P.J. Respiratory Syncytial Virus Prophylaxis. NeoReviews 2005. 6(1): e26-31.

6. Chávez-Bueno S., **Mejías A**., Jafri H.S. and Ramilo O.. Respiratory Syncytial Virus: Old Challenges and New Approaches. Pediatric Annals 2005: 34 (1):62-68.

7. **Mejías A**., Chávez-Bueno S and Ramilo O. Respiratory syncytial virus pneumonia: mechanisms of inflammation and prolonged airway hyperresponsiveness. Current Opinion in Infectious Diseases 2005: 18(3): 199-204.

8. **Mejías A**. Chávez-Bueno S., Jafri H.S. and Ramilo O. RSV Infections: Old Challenges and New Opportunities. Pediatric Infectious Diseases Journal 2005: 24 (11S): S189-197.

9. **Mejías A** and Ramilo O. RSV: New approaches to reduce the burden of RSV infection. Drug Discovery Today Therapeutic Strategies 2006: 3 (2): 173-81.

10. Chávez-Bueno S., **Mejías A**. and Welliver R.C. RSV Bronchiolitis. Current and Future strategies for Prophylaxis. Treat Respir Med 2006: 5 (6): 483-94.

11. **Mejias A**. and Ramilo O. RSV and Asthma up-to-date. The role of genomics. Anales Españoles de Pediatría 2007;66 (Supl 2):63-8.

12. Perez-Yarza, E.G, Moreno A, Lazaro P, Ramilo O and **Mejias A**. Asthma after early RSV infection. How to control? (Letters to the Editors). Ped Infect Dis J, 2008; 27 (2):192

13. Ramilo O **and Mejías A.** RSV Infections: New Strategies vs Old Challenges. Anales Españoles de Pediatría 2008: 69 (1): 1-4

14. **Mejias A**. and Ramilo O. Review of palivizumab in the prophylaxis of Respiratory Syncytial Virus (RSV) in high risk infants. Biologic Targets and Therapy 2008; 2 (3) 433-39

15. **Mejías A**., Chávez-Bueno S, Gomez A, Estripeaut D, Torres J.P, Somers C, Jafri H.S and Ramilo O. Respiratory syncytial virus persistence: Evidence in the mouse model. Ped Infect Dis J, 2008; 27 (10): S60-62

16. **Mejias A**. and Ramilo O. RSV persistence and recurrent wheezing. (Letters to the Editors). Ped Infect Dis J, 2009; 28 (6):450-51.

17. **Mejias, A a**nd Sanchez J.P. Update on Cytomegalovirus (Editorial). Anales Españoles de Pediatría 2009: 70 (6): 517-8

18. Ramilo O, **Mejias A.** Shifting the Paradigm: Host Gene Signatures for Diagnosis of Infectious Diseases. Cell and Host Microbe 2009: 9 (in press)

MONOGRAPHS AND BOOK CHAPTERS

1. A. Franco, M. Lorenzo, D. de la Sierra, S. Rite, R. María, E. García, J. Pérez Berrocal, **A. Megías**. Mini-Test. CURSO INTENSIVO MIR ASTURIAS. 1997. VOL-II. 173-196 Volume II. Oviedo, Asturias.

2. **Megías, A**. Questions about Rheumatic Diseases. Jesús Vega. Intensive Medicine Course MIR. Asturias. CURSO INTENSIVO MIR ASTURIAS. 1997. 369-399

3. Navarro Gómez M.L, **Megías Montijano A,** Hernández-Sampelayo Matos T. Septic Arthritis. Pediatric Infectious Diseases: Diagnostic and Therapeutic Guidelines. 2º Vol. Infectología. AEP 2001: 15-21.

4. **Megías Montijano A**, M Luisa Navarro Gómez, T. Hernández-Sampelayo Matos. Diskitis. Pediatric Infectious Diseases: Diagnostic and Therapeutic Guidelines. 2º Vol. Infectología. AEP 2001:63-66.

5. **A. Megías Montijano**, M Luisa Navarro Gómez, T. Hernández-Sampelayo Matos. Osteomyelitis. Pediatric Infectious Diseases: Diagnostic and Therapeutic Guidelines. 2º Vol. Infectología. AEP 2001:171-178.

6. **Mejías, A** and Ramilo, O. "Virus respiratorio sincitial y otros virus en las sibilancias del lactante" en SIBILANCIAS EN EL LACTANTE. Editorial LUZAN 5 SA. 2005.

7. **Mejias A**, Rodriguez Fernandez R and Ramilo O. "Bronquiolitis: Manejo Diagnostico y Terapeutico" en Infectología Pediatrica, Edika Med S.L 2007; 34-37

8. **Mejias A,** Torres J.P and O. Ramilo. "Virus Respiratorio Sincitial". Libro de Infectología de la Asociación Española de Pediatría. 2009.

9. Torres J.P, **Mejias A,** and O. Ramilo. "Legionelosis". Libro de Infectología de la Asociación Española de Pediatria. 2009.

10. **Mejías, A,** García C, Rodríguez R and Ramilo, O. "Virus respiratorio sincitial y otros virus en las sibilancias del lactante" en SIBILANCIAS EN EL LACTANTE. Editorial LUZAN 5 SA. 2009: 59-72

11. Rodríguez R, **Mejías, A** and Ramilo, O. "Bronchiolitis". Pediatric Infectious Disease Guidelines in the Emergency Department. 3rd ed. (in press)

OTHER PUBLICATIONS

1. González Sánchez M.I., Ramos López C.S, Gómez Campderá J.A., Navarro Gómez M.L., Rodríguez Fernández R., **Megías A.** Herpes zona and Varicella-zóster primoinfetion in infants. Acta Pediátrica Española. 1998; 56: 125-127.

2. **Megías A.,** . Zamora Flores E., Rodríguez Fernández R., González Sánchez M.I.. Zapatero Lacalle M., Gómez Campderá J.A.. Staphylococcal Scalded Skin Syndrome. Acta Pediátrica Española. 1998; 56(4); 256-259

3. **Megías A**., Gómez Campderá J.A., Rodríguez Fernández R.. Acute Mastoiditis. Acta Pediátrica Española. 1998; 56 (6): 363-365.

4. **A. Megías** Montijano, E. Zamora Flores, R. Rodríguez Fernández, J.A. Gómez Campderá, N. Domínguez Garrido. Facial celulitis as Varicella´s complication.
Acta Pediátrica Española. 1999 57(6) 1999; 486-488.

5. **Megías A.**, Castro P., Garzo C., Rodríguez Fernández R., Alonso R., Bernardo B, Pérez Sotelo M.. Fetal Valproate Syndrome. Acta Pediátrica Española 2000; 58(6):367-369

6. Zamora Flores E., Arana Amurrio I., Bertó Pórtoles J., Zapatero Lacalle M., **Megías A.** Incomplete kawasaki disease. Acta Pediátrica Española. 2000; 58 (8): 467-469.

7. Rodríguez R., Zamora E., **Mejías A.**, Bernardo B., Climent V., Gómez Campderá J.A., Villa Elízaga I. Alcohol Fetal Syndrome. Familiar presentation. Acta Pediátrica Española. 2001; 59 (1): 20-22.

8. **Megías Montijano A.,** Azuero B, Gómez Campderá J.A, Serrano Ayestarán O, Urán Moreno M, Soleto Martín J. Osteomyelitis of the tibia associated with impetiginized skin lesions. Acta Pediátrica Española. 2001; 59 (2): 102-105.

9. Serrano C., **Megías A.**, Casanova A., Cerdá J., Gómez Campderá J. Acalculous Cholecystitis. Acta Pediátrica Española. 2001; 59 (3): 166-168

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13. Gómez Campderá J.A, Rodríguez Fernández R., **Megías A.,** González Sánchez M.I., Navarro Gómez M., Ruiz Magro P. *Mycoplasma pneumoniae pn*eumonia in children less than 3 years old. Acta Pediatrica Española. 2002; 60(7): 343-347

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PRESENTATIONS AT REFEREED NATIONAL MEETINGS

1. S. Chávez-Bueno, **A. Mejías**, Hatfield J, B. Rogers, HS. Jafri, O. Ramilo Interferon-Alpha Concentrations Correlate with Viral Loads in Murine Model of Respiratory Syncytial Virus (RSV) pneumonia. Pediatric Academic Societies Annual Meeting; May 2002, Baltimore, MD.

2. A.M Rios, R.D Hardy, **A. Mejías**, S. Chávez-Bueno, P. Kapur, B. Rogers. H.S Jafri, G.H McCracken, O Ramilo ABT-773 for the Treatment of Experimental Mycoplasma pneumoniae Pneumonia. 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy; September 2002, San Diego, CA.

3. S. Chávez-Bueno, **A. Mejías**, A.M Rios, J Hatfield, P Kapur, B.B Rogers, O Ramilo, HS Jafri. Persistence of Airway Hyperresponsiveness (AHR) after Resolution of Acute Respiratory Syncytial Virus (RSV) Disease in a Murine Model without Allergic Sensitization. 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy; September 2002, San Diego, CA.

4. S. Chávez-Bueno, **A. Mejías**, A.M Rios, J Hatfield, P Kapur, A. Gómez, B.B Rogers, O Ramilo, HS Jafri. Persistence of Airway Hyperresponsiveness (AHR) and Histopathologic Changes after Resolution of Acute Respiratory Syncytial Virus (RSV) Disease in a Murine Model without Allergic Pre-sensitization. St Jude/PIDS Pediatric Microbial Research Conference: February 28-March 1, 2003. Memphis, TN.

5. A.M Rios, R.D Hardy, **A. Mejías**, S. Chávez-Bueno, B. Rogers. H.S Jafri, G.H McCracken, O Ramilo The Ketolide ABT-773 for the treatment of experimental Mycoplasma Pneumoniae pneumonia. St Jude/PIDS Pediatric Microbial Research Conference: February 28-March 1, 2003. Memphis, TN.

6. **A. Mejías**, S. Chávez- Bueno, A. Ríos, J. Saavedra, J Hatfield, P. Kapur, B. B. Rogers, H. S. Jafri, O. Ramilo. Anti-RSV neutralizing antibody decreases lung inflammation, airway obstruction and airway hyperresponsiveness (AHR) in the respiratory syncytial virus (RSV) murine model. Pediatric Academic Societies Annual Meeting. May 2003. Seattle, Washington.

7. S. Chávez- Bueno, **A. Mejías**, A. Ríos, J Hatfield, P. Kapur, B. A. Gomez, O. Ramilo, H. S. Jafri. Respiratory Syncytial virus (RSV) induces persistent airway hyperresponsiveness (AHR) and histopathologic changes in both Balb/c and C57/6 mice without allergic pre-sensitization. Pediatric Academic Societies Annual Meeting; May 2003. Seattle, Washington.

8. A.M Ríos, M Fonseca-Aten, **A. Mejías**, S. Chávez- Bueno, B.B Rogers, J. Hatfield, H.S Jafri, O. Ramilo, G.H McCracken and R.D Hardy Impact of therapy with the Ketolide ABT-773 on the pulmonary immune response induced by Mycoplasma Pneumoniae in a murine pneumonia model.. American Society for Microbiology (ASM). May 18-22 2003, Washington, DC.

9. A.M Ríos, M Fonseca-Aten, **A. Mejías**, S. Chávez- Bueno, A.M. Gómez, O. Ramilo, G.H. McCracken and R.D. Hardy. Single High-Dose versus Daily-Dose Azithromycin for the Treatment of Experimental Mycoplasma pneumoniae Pneumonia. 43rd Interscience Conference on Antimicrobial Agents and Chemotherapy; September 14-17, 2003. Chicago, IL.

10. M. Lee, A.M. Rios, M. Fonseca, **A. Mejías**, D. Cavuoti, G.H, McCracken, R.D. Hardy. Management of Cutaneous Abscesses due to Community-Acquired MRSA. 43rd Interscience Conference on Antimicrobial Agents and Chemotherapy; September 2003. Chicago, IL.

11. M Fonseca-Aten, A. M. Ríos, **A. Mejías**, S. Chávez- Bueno, , K. Katz, A.M. Gómez, G.H. McCracken and R.D. Hardy. Comparison of Disease Severity and Pulmonary Immune Response in Mycoplasma pneumoniae Pneumonia in BALB/c and C57BL/6 Mice. 43rd Interscience Conference on Antimicrobial Agents and Chemotherapy; September 2003. Chicago, IL.

12. **A. Mejías**, S. Chávez- Bueno, A. Ríos, J. Saavedra, J Hatfield, P. Kapur, A. M. Gómez, H. S. Jafri, O. Ramilo Anti-RSV neutralizing antibody decreases lung inflammation, airway obstruction and airway hyperresponsiveness (AHR) in the respiratory syncytial virus (RSV) murine model. RSV Annual Symposium. November 2003. Atlanta.

13. S. Chávez- Bueno, **A. Mejías**, A. Ríos, J Hatfield, P. Kapur, B. A. Gomez, O. Ramilo, H. S. Jafri Persistence of airway hyperresponsiveness (AHR) and histopathologic changes after resolution of acute respiratory syncytial virus (RSV) disease in a murine model without allergic pre-sensitization. RSV Annual Symposium. November 2003, Atlanta.

14. S. Chávez- Bueno, **A. Mejías**, K. Olsen, A. Ríos, M. Fonseca-Aten, J Hatfield, A.M. Gomez, O. Ramilo, H. S. Jafri. Respiratory Syncytial Virus (RSV)-Induced Long-Term Airway Hyperresponsiveness (AHR) is Associated with Viral Persistence Detected by Real Time Polymerase Chain Reaction (RLT-PCR). Pediatric Academic Societies Annual Meeting. May 2004. San Francisco, CA.

15. M. Fonseca-Aten, A.M. Ríos, **A. Mejías**, S. Chávez-Bueno, K. Katz, K. Olsen, A.M Gómez, G.H McCracken, O. Ramilo and R.D Hardy The effect of Telithromycin in a Murine Model of Chronic pulmonary Mycoplasmosis. American Society for Microbiology, May 2004, New Orleans, LA.

16. A.M. Ríos, M. Fonseca-Aten, S. Chávez-Bueno, **A. Mejías**, A.M Gómez, O. Ramilo, G.H McCracken Jr, and R.D Hardy The effect of Azithromycin Therapy for Experimental Acute Mycoplasma pneumoniae Pneumonia on the development of Chronic Pulmonary Function Abnormalities. American Society for Microbiology, May 2004, New Orleans, LA.

17. M. Fonseca-Aten, A.M. Ríos, **A. Mejías**, S. Chávez-Bueno, A.M Gómez, G.H McCracken and R.D Hardy Evaluation of NVP-PDF13 for the Treatment of Experimental Mycoplasma pneumoniae Pneumonia.. 44th Interscience Conference on Antimicrobial Agents and Chemotheraphy, October 30-November 2, 2004, Washington DC, MD.

18. M. Fonseca-Aten, K.L. Bowlware, A.M. Ríos, S. Chávez-Bueno, **A. Mejías**, K, Katz, S. NG, H.S. Jafri, G.H McCracken, P.J Okada, O. Ramilo and R.D Hardy The effect of Clarithromycin on Nasopharyngeal Cytokine Concentrations in Children with Acute Asthma Exacerbation.. 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, October 30-November 2, 2004, Washington DC, MD.

19. A.M. Ríos, L.B. Duffy, S. Chávez-Bueno, **A. Mejías**, H.S. Jafri, G.H McCracken, O. Ramilo and R.D Hardy Failure of Antimicrobial Therapy to Eradicate Mycoplasma pneumoniae in Experimental Pneumonia is Not due to the Development of Resistance.. 44th Interscience Conference on Antimicrobial Agents and Chemotheraphy, October 30-November 2, 2004, Washington DC, MD.

20. **A. Mejías**, S. Chávez-Bueno, A.M. Ríos, M. Fonseca-Aten, E. Peromingo, P Soni, K. Olsen, A.M Gómez, D. Pfarr, H. Wu, P.A Kiener, H.S Jafri, O Ramilo. Comparative Effect of an Anti-Respiratory Syncytial Virus Monoclonal Antibodies on Viral Replication and Disease Severity in the RSV Murine Model. 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, October 30-November 2, 2004, Washington DC, MD. ***Awarded**

21. S. Chávez-Bueno, A.M. Ríos, **A. Mejías**, M. Fonseca-Aten, A.M Gómez, P Soni, K Katz, K Olsen, R.D Hardy, G.H McCracken, O Ramilo and H.S Jafri Respiratory Syncytial Virus (RSV)-Induced Pulmonary Disease is Worsened by Atypical Bacterial Infection. 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, October 30-November 2, 2004, Washington DC, MD.

22. A.M. Ríos, **A. Mejías**, W. Allman, K. Katz, M. Fonseca-Aten, S. Chávez-Bueno, W. Chung, A.M Gómez, H.S Jafri, G.H McCracken, R.D Hardy and O. Ramilo Lung Gene Expression Analysis and Pulmonary Function during Acute and Chronic Experimental Mycoplasma pneumoniae Respiratory Infection.. 44th Interscience Conference on Antimicrobial Agents and Chemotheraphy, October 30-November 2, 2004, Washington DC, MD.

23. J. Saavedra-Lozano, **A. Mejías**, E. Peromingo, S. Guillen, A.M Ríos and O. Ramilo. A 4 year Retrospective Analysis of Osteomyelitis in Children. A trend for Worse Outcome Related with Increased MRSA Infections. 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, October 30-November 2, 2004, Washington DC, MD.

24. W. Chung, W. Allman, **A. Mejías**, L. Bennet, B. Piqueras, V. Pascual, O. Ramilo, J Banchereau and A. K Palucka. Blood Microarray Analysis for Diagnosis of Acute Infections. 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, October 30-November 2, 2004, Washington DC, MD.

25. W. Allman, W. Chung, O. Ramilo, K. Wittkowski, **A. Mejías**, B. Piqueras, D. Chaussabel, L. Bennet, V. Pascual, J Banchereau and A. K Palucka Gene expression patterns in blood leukocytes from patients with acute infections discriminate the class of pathogen.. First Baylor Symposium and Workshop on Human Immunology and Biodefense. November 6-7 2004, Dallas, TX.

26. **A. Mejías**, S. Chávez-Bueno, A.M. Ríos, M. Fonseca-Aten, E. Peromingo, P Soni, K. Olsen, A.M Gómez, B. Raynor, A. Wozniakowski, H.S Jafri, O Ramilo. Time vs Potency: Comparative Effect of two different anti-Respiratory Syncytial Virus (RSV) monoclonal antibodies in the RSV Mouse Model. St Jude/PIDS Pediatric Microbial Research Conference: February, 2005. Memphis, TN.

27. **A. Mejías**, Rios A.M, W. Chung, W. Allman, K. Katz, A.M. Gomez, R.D. Hardy, G.H. McCracken, H. S. Jafri and O. Ramilo. Lung Gene Expression Profiling Correlates with Pulmonary Function Abnormalities Induced by RSV in the Mouse Model. Pediatric Academic Societies Annual Meeting. May 2005. Washington DC No.707.

28. W. M. Chung, W. R. Allman, **A. Mejías**, E. Torres, K. Long, J. Banchereau, A. K. Palucka and Octavio Ramilo. Differential Gene Expression Profiles in Blood Leukocytes of Children with Staphylococcus aureus Infection: MRSA vs MSSA. Pediatric Academic Societies Annual Meeting. May 2005. Washington DC No.1378

29. **A. Mejías**, S. Chavez-Bueno, A.M. Rios, M. Fonseca-Aten, B. Raynor, A. Wozniakowski, A. M. Gomez, J. Connolly, H. S. Jafri and Octavio Ramilo. Numax, a Novel Anti-Respiratory Syncytial Virus (RSV) Monoclonal Antibody, Reduces the Local and Systemic Immune Response Induced by RSV in the Mouse Model. Pediatric Academic Societies Annual Meeting. May 2005. Washington DC No.708.

30. S. Chavez-Bueno, **A. Mejias**, N. Ahmad, O. Ramilo, H. S. Jafri. Intravenous (IV) Palivizumab (PVZ) for Treatment of Respiratory Syncytial Virus (RSV) Disease in High-Risk Pediatric Patients. Pediatric Academic Societies Annual Meeting. May 2005. Washington DC No.713.

31. **A. Mejías**, W. Allman, K. Long, W. Chung, M. Ardura, E. Torres, K. Palucka, J. Banchereau, D. Chaussabel and Octavio Ramilo. Differential Gene Expression Profiles in Peripheral Blood Mononuclear Cells (PBMCs) of Children with Respiratory Syncytial Virus (RSV) and Influenza Virus (Flu) Infections. 45th Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, December 2005. No G-1356 *** Awarded**

32. M. Fonseca-Aten, C. M. Salvatore, **A. Mejías**, A.M. Rios, K. Katz, A. M. Gomez, G. H. Mccracken, R. D. Hardy. The Effect of LBM415 on Pulmonary Chemokine Concentrations in Experimental Mycoplasma pneumoniae Pneumonia. 45th Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, December 2005. No B-1980

33. R. P. Santos, P.J. Sanchez, **A. Mejías**, D.K. Benjamin, T. J. Walsh and H. S. Jafri. Pharmacokinetic evaluation of voriconazole and micafungin for cutaneous aspergillosis in a preterm infant. St Jude/PIDS Pediatric Microbial Research Conference: February, 2006. Memphis, TN

34. **Mejías A.,** I Ardura M., Fernándes D, Gutierrez C., Allman W., Torres E., Banchereau, J, Chaussabel D. and Ramilo O. Modular Gene Expression Analysis of Children with Respiratory Syncytial Virus (RSV) and Influenza Virus (Flu) Infections Demonstrate Differences in Immune Profiles and Correlates with Disease Severity. Pediatric Academic Societies Annual Meeting. 29 April-2nd May 2006. San Francisco, CA. *** Awarded**

35. Ardura M.I, **Mejías A**., Gutiérrez C., Torres E., Banchereau J., Chaussabel D. and Ramilo O. Transcriptional Signatures for Diagnosis and Assessment of Disease Severity in Children with Staphylococcus aureus (SA) Infections. Pediatric Academic Societies Annual Meeting. 29 April-2nd May 2006. San Francisco, CA. *** Awarded**

36. Gill M, Banchereau J, Long K, Kwon T, **Mejías A**, Connolly J, Roy L and Ramilo O. Differences in mucosal antigen presenting cell (APC) Recruitment in Children with Respiratory Syncytial Virus (RSV) and Influenza (Flu). Pediatric Academic Societies Annual Meeting. 29 April-2nd May 2006. San Francisco, CA.

37. C.M Salvatore., M Fonseca-Aten., **A. Mejías**, C. Somers, S. Chávez-Bueno, K. Katz-Gaynor, AM. Gómez,. GH. McCracken, RD. Hardy. Respiratory Tract Infection with Mycoplasma pneumoniae in IL-12 Knock-Out Mice Results in Improved Bacterial Clearance and Reduced Pulmonary Inflammation. American Society for Microbiology (ASM). May 21-25 2006, Orlando, FL.

38. **Mejías A.,** I Ardura M., Glaser C, Estripeaut D, Torres E., Banchereau, J, Chaussabel D. and Ramilo O. Transcriptional Signatures as a New Approach for Assessing Disease Severity in Children with Respiratory Syncytial Virus (RSV) bronchiolitis. 46th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA. September 2006*** Awarded**

39. Ardura M.I, **Mejías A**., Torres E., Banchereau J., Chaussabel D. and Ramilo O. Transcriptional Signatures for Diagnosis and Assessment of Disease Severity in Children with Streptococcus Pneumoniae Infections. 46th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA. September 2006. *** Awarded**

40. Somers C.C, Vergara R, Caffiero S, **Mejias A**, Gomez A.M, Wozniakowski A, Katz K, Ramilo O and Jafri H.S. Anti-Monickine Induced by Interferon Gamma (MIG) Neutralizing Antibody Attenuates Respiratory Syncytial Virus (RSV) Disease. 46th Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, CA. September 2006.

41. Ardura M.I, **Mejias A**, McCracken Jr G.H and Sanchez P.J. Daptomycin Therapy for Multi-drug Resistant (MDR) Gram-Positive Bacterial Infections in Children. Infectious Diseases Society of America. Toronto, Canada. October 2006. *** Awarded**

42. Somers C, Buckingham SC, Ahmad N, Katz K, Leos N, Gomez AM, **Mejias A**, DeVincenzo JP, Ramilo O, Jafri H.S. Intravenous Dexamethasone (IV-Dexa) Does Not Effectively Modulate the Cytokine and Chemokine Responses in Tracheal Aspirates (TA) of Children with Severe Respiratory Syncytial Virus (RSV) Disease. Pediatric Academic Societies Annual Meeting. Toronto, Canada. May 2007.

43. Estripeaut D, Somers C, **Mejías A,** Grube S, Wozniakowski A, Gomez A, Mate I, Zaman Q, Ramilo O, Jafri H.S. Mice Inoculated with Live Respiratory Syncytial Virus (L-RSV) but Not Inactivated RSV Demonstrate Long-Term RNA Persistence and Pulmonary Function Abnormalities. Pediatric Academic Societies Annual Meeting. Toronto, Canada. May 2007.

44. Ardura M, **Mejías A**, Torres E, Banchereau J, Chaussabel D, Ramilo O. Over-Expression Of Innate Immunity And Suppression Of B And T cell Responses Define The Transcriptional Profiles Induced By Acute *Staphylococcus aureus* (SA) Infections. Pediatric Academic Societies Annual Meeting. Toronto, Canada. May 2007.

45. **Mejías A**, Bustos R, Charina R, Ardura M, Sánchez PJ. Persistence of Herpes Simplex Virus (HSV) DNA by Polymerase Chain Reaction (PCR) in Cerebrospinal Fluid (CSF) of Neonates with HSV Encephalitis. Pediatric Academic Societies Annual Meeting. Toronto, Canada. May 2007.

46. **Mejías A**, Ardura M, Glaser C, Estripeaut D, de Salas M, Torres E, Banchereau J, Chaussabel D, Ramilo O. Blood Microarray Analysis In Children With Influenza A Virus (Flu) Infection Over Different Seasons Demonstrated Significant Differences In Gene Expression Profiles That Correlate With Disease Severity. Pediatric Academic Societies Annual Meeting. Toronto, Canada. May 2007.

47. **Mejías A,** Hammelin ME, Ramilo O and Boivin G. Transcriptional profiles differentiate Human Metapneumovirus (hMPV) vs Respiratory Syncytial Virus (RSV) Experimental Infections and Correlate with Disease Severity. 47th Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago IL, September 2007. ***Awarded**

48. Gomez AM, **Mejias A**, Chavez-Bueno S, Somers C, Torres JP, Jafri HS and Ramilo O. Respiratory Syncytial Virus (RSV) Pneumonitis in Mice is Associated with Persistent Inflammation, Chronic Respiratory Dysfunction, and Persistent Viral Infection. Society for Pediatric Pathology, Dever, Co. March 2008

49. Gomez A.M, **Mejias A**, Torres JP, Butt Y and O Ramilo. Fatal Respiratory Syncytial Virus (RSV) Lower Respiratory Infection in Children. Society for Pediatric Pathology. Louisville KY, October 2008.

50. Ardura M, **Mejías A**, Torres E, Banchereau J, Chaussabel D, Ramilo O. Gene Expression Profiling for Diagnosis of Meningitis in Children. 48th ICAAC/46th IDSA Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, October 2008.

51. Ardura M, Banchereau R, Dipucchio T, **Mejías A**, Torres E, Banchereau J, Chaussabel D, Ramilo O. *S. aureus* (SA) Infections Induce Over-Expression Of Innate Immune Genes that Correlate with Increased Number of Monocytes. 48th ICAAC/46th IDSA Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, October 2008.

52. Chang M, Garcia C, **Mejias A** and Ramilo O. Respiratory Syncytial Virus (RSV) Is Most Frequent Etiology For Bronchiolits Requiring Admission To The Intensive Care Unit (ICU). 48th ICAAC/46th IDSA Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, October 2008. ***Awarded**

53. Garcia C, Chang M, Ramilo O and **Mejias A.** Clinical And Epidemiologic Characteristics Of Bronchiolitis Requiring Hospitalization. Trends over a six Year Period. 48th ICAAC/46th IDSA Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, October 2008. ***Awarded**

54. Torres JP, Bhoj VG, Tagliabue C, Khokhar S, Gomez A , Kiener P , Ramilo O, **Mejías A.** Respiratory Syncytial Virus (Rsv) Rna Is Detected In Peripheral Blood, Correlates With Acute Airway Obstruction And Is Suppressed By Treatment With Anti-Rsv Monoclonal Antibody In Mice. 48th ICAAC/46th IDSA Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, October 2008. ***Awarded**

55. **Mejías A**, Torres JP, Estripeaut D, Khokhar S, Tagliabue C, Bhoj VG, Gomez A, Jafri HS and Ramilo O. Respiratory Syncytial Virus (RSV) Induces Chronic Airway Disease Characterized By RSV RNA Persistence, Long-Term Production Of IFN-☐, Chronic Inflammation And Airway Hyperreactivity. 48th ICAAC/46th IDSA Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington DC, October 2008. ***Awarded**

56. Evans, A, **Mejias, A**, Cooper T, Gomez A.M, Sanchez J.P**.** Acyclovir-Induced Nephrotoxicity: A Case Report. St Jude/PIDS Pediatric Microbial Research Conference: February, 2009. Memphis, TN.

57. **Luckett P.**M, Anand R, **Mejias A**, Tagliabue C, Techasaensiri C, Hardy R.D. Soluble Triggering Receptor Expressed in Myeloid cells-1 (sTREM-1) in Bronchoalveolar Lavage Fluid 9BALF) of Mice following Respiratory Syncytial Virus (RSV), Mycoplasma pneumoniae and Streptococcus pneumoniae infection. American Thoracic Society May 2009. San Diego CA.

58. **Mejías A**, Soriano-Fallas A, Torres JP, Khokhar S, Butt Y, García C, Gómez A.M, Ramilo O. Fatal Respiratory Syncytial Virus Lower Respiratory Tract Infection is Associated
With Systemic Dissemination in Children. Pediatric Academic Societies Annual Meeting. Baltimore, MD. May 2009.

59. Chang, M. M, Jordan-Villegas, A, Cripe, P, DeAlmeida, M, Garcia, C, **Mejias, A**, Ramilo, O. Clinical characteristics of Term and Preterm infants admitted to the ICU for bronchiolitis over 7 years. Pediatric Academic Societies Annual Meeting. Baltimore, MD. May 2009.

60. Garcia, C, Soriano A, Chang M, Khokhar S, Ramilo O and **Mejias, A**. Rhinovirus and Respiratory Syncitial Virus Lower Respiratory Tract Infections. Clinical and Epidemiologic Differences. Pediatric Academic Societies Annual Meeting. Baltimore, MD. May 2009.

61. Techasaensiri, B, Techasaensiri E, **Mejías A**, McCracken G, Ramilo O. Viral Coinfections are Common in Children with Invasive Pneumococcal Disease (IPD). Pediatric Academic Societies Annual Meeting. Baltimore, MD. May 2009.

62. Ardura, M, **Mejias, A,** Torres E, Banchereau J, Chaussabel D, Ramilo O. Gene Expression Profiling Demonstrates Differences in the Host Immune Response to Invasive S. aureus and S. pneumoniae Infections in Children. Pediatric Academic Societies Annual Meeting. Baltimore, MD. May 2009.

63. Banchereau R, Ardura M, Di Pucchio T, **Mejias, A,** Chaussabel D, Banchereau J, Ramilo O. Decreased Central Memory T cells and increased Monocytes in children with invasive *Staphylococcus aureus.* Federation of Clinical and Immunology Societies. San Francisco, CA June 2009.

64. Soriano A, Garcia C, Benychalee T, **Mejias A**, Ardura M, Ramilo O. Epidemiology and Etiology of Brain Abscesses in Children. Infectious Diseases Society of America 47th Annual Meeting. Philadelphia, Pennsylvania. October 2009.

65. Chang M, Jordan-Villegas A, Evans A, **Mejias A**, Siegel J. Respiratory Viruses (RV) Identified (ID'D) during the 2009 Novel H1N1 Swine-Origin Influenza (S-OIV) Outbreak at Children's Med. Ctr. Dallas. Infectious Diseases Society of America 47th Annual Meeting. Philadelphia, Pennsylvania. October 2009.

66. Evans A, **Mejias A**, Cooper T, Sanchez PJ. Acyclovir (ACV)-Associated Renal Dysfunction in Children. Infectious Diseases Society of America 47th Annual Meeting. Philadelphia, Pennsylvania. October 2009. ***Awarded**

67. Jordan-Villegas A, Chang M, Ramilo O and **Mejias A**. Detection of Respiratory Viruses is not Uncommon in Children with Kawasaki Disease. Infectious Diseases Society of America 47th Annual Meeting. Philadelphia, Pennsylvania. October 2009. ***Awarded**

68. C. García, Soriano A, Lozano J, Leos N, Gomez A, Ramilo O, **Mejias A**. Cytokine Profiles in Children with Respiratory Syncytial Virus (RSV) and Rhinovirus (RV) Lower Respiratory Tract Infections (LRTI). Infectious Diseases Society of America 47th Annual Meeting. Philadelphia, Pennsylvania. October 2009.

INVITED LECTURES AND CME COURSES

- *Epidemiología y prevención de la infección por VRS.* Malta, April 2002. Malta
- *Impact of Palivizumab therapy on the RSV murine model*. University of Texas Southwestern Medical Center at Dallas, US. Dallas, 24 July 2002.
- Reunión sobre actualización en Infección por VRS. "VRS y Asma: Epidemiología, patogénesis y Modelos experimentales". *Madrid, Spain, 21 October 2003.*
- *Reunión sobre actualización en Infección por VIH y VRS en la población Infantil. "VRS y Asma: Epidemiología, patogénesis y Modelos experimentales". Pediatric Infectious Diseases Conference. Madrid, Spain, 22 October 2003.*
- *X Pediatric Cardiology Update Course (XI Pediatric Cardiology Meeting for Nurses). "Viral Infections and herat Transplant".* Gregorio Marañón Pediatric Hospital. Madrid, Spain 3-6 March 2004.
- *Complex Congenital Heart Diseases and Infectious Diseases. "RSV and Asthma Update: Experimental Models".* Gregorio Marañón Pediatric Hospital. Madrid, Spain 8 March 2004.
- "*Case studies"*. Internal Medicine, Infectious Diseases Division. The University of Texas Southwestern Medical Center at Dallas, Texas. November 8, 2004
- Pediatric Infectious Diseases in the XXI Millenium. *"Respiratory Syncytial Virus and Metapneumovirus Infection".* Gregorio Marañón Pediatric Hospital. Madrid, Spain 9 June, 2005.

- XXIIrd Research Conferences of the Calvo Mackena Hospital. *"Advances in RSV INfection"*. Hospital Luis Calvo Mackenna. Santiago de Chile, Chile 12-14th October 2005
- Asthma in Infancy 2006. *"Examining the relationship RSV and asthma".* Biannual Meeting of Pediatric Pulmonology. Madrid, Spain, March 10th 2006.
- "*Case studies"*. Internal Medicine, Infectious Diseases Division. The University of Texas Southwestern Medical Center at Dallas, Texas. March 27, 2006
- First Meeting on Immunizations on Transplant Pediatric Patients. Madrid, Spain 6-7 Junio, 2006.
- Risk for severe RSV infection in the Pediatric Liver Transplant recipients. Madrid, Spain September 14th, 2006.
- "RSV infection in high risk Immunocompromised Groups". 4th Annual Global Experts' Meeting on Respiratory Viruses. Monte Carlo, Monaco September 17, 2006
- 4th Annual Global Experts' Meeting on Respiratory Viruses. "RSV prevalence and management in Immunocompromised patients" in Monte Carlo, Monaco, to September 16-19, 2006.
- XXV Interamerican Congress of Pediatric Infectious Diseases: "New Methods for Diagnosis and Prognosis of RSV infection" in Guanajuato, Mexico, November 15-18, 2006.
- Management of severe RSV infection in Pediatric Liver Transplant recipients. Hospital La Paz, Madrid, Spain March 5th, 2007.
- Management of severe RSV infection in Bone Marrow Transplant recipients. Hospital Vall de Hebron, Barcelona, Spain March 7th, 2007.
- *XIII Pediatric Cardiology Update Course (XIV Pediatric Cardiology Meeting for Nurses). "RSV and heart Transplant".* Hospital Materno-Infantil Gregorio Marañón. Madrid, Spain 8-10 March 2007
- XXIX Annual Congress of the Spanish Association of Pediatric Pulmonology. Key note lecture. "RSV and Asthma, the role of Genomics" Bilbao, Spain, May 3-5 2007.
- Curso de Avances en Oncología y Hematología Pediátricas. *Role of RSV and Adenovirus in the Hematopoietic Stem Cell transplant recipient*. Barcelona, November, 23,2007.
- VIII Curso De Cardiología Pediátrica. "Role of RSV in Pediatric Cardiology". Barcelona, November 26, 2007.
- IV Jornadas de Actualization en Sintomas Respiratorios Pediatrics. Málaga, April 4-5 2008, Spain.
- Up-date on palivizumab use. COPC annual meeting. Parkland, March 11, 2008. Dallas, TX
- 2nd Annual Neonatology Conference at Scott & White. Distinguished speaker. "Current Concepts and Footsteps for the Future". RSV and Asthma: Myth or Reality?. Temple, TX, November, 2008.
- Up-to date in the Diagnosis of Respiratory Viral Infections. Experience with the TAG RVP. Madrid, Spain, July 6 2009. (CME)
- 7th Annual Global Experts' Meeting on Respiratory Viruses. "Biomarkers and RSV disease severity" Dublin, Ireland, September 21-23 2009.

- XXII Meeting of the Spanish Association for Neonatology and Perinatal Medicine. "Symposium on Respiratory Viral infections: New challenges". Valencia, Spain October 15, 2009.
- Viral respiratory Infections, new challenges. Hospital Gregorio Maranon, Madrid, October 20, 2009 (CME course)
- "Up-date in the management of RSV bronchiolitis". 14th Annual Infectious Diseases Seminar, Driscoll Children's Hospital, Corpus Christi. November 14, 2009