

CURRICULUM VITAE

Date: October 17, 2013

PERSONAL INFORMATION:

Name: Peter Weiser, M.D.
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RANK/TITLE: Assistant Professor, Division of Pediatric Rheumatology
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HOSPITAL AND OTHER (NON ACADEMIC) APPOINTMENTS:

August 2009 – present Attending Physician, Children's of Alabama

EDUCATION:

Šafárik University in Košice, Slovak Republic, Degree: MUDr. (M.D.) (with Honors) 2000

LICENSURE:

New York – residency training license – inactive
Missouri – fellowship training license – inactive
Alabama (MD.29418)

BOARD CERTIFICATION:

2011 Pediatric Rheumatology Board (ABP)
2006 American Board of Pediatrics (ABP)

POSTDOCTORAL TRAINING:

2006-09 Fellow in Pediatric Rheumatology, Washington University, St. Louis, MO
2003-06 Resident in Pediatrics, University of Buffalo, Buffalo, NY
2001-03 Post-doctoral research fellow, University of Massachusetts, Worcester, MA

ACADEMIC APPOINTMENTS:

Aug. 2009 – present Assistant Professor of Pediatrics, University of Alabama at
Birmingham School of Medicine, Birmingham, AL
April 2011 – present Adjunct Faculty, Assistant Professor of Pediatrics at the USA
Children's and Women's Hospital, Mobile, AL

AWARDS/HONORS:

- 2000 Graduated Best in Class, Šafárik University in Košice, Slovak Republic
- 2000 Grand Prix 2000 (One of the 18 graduates of Class 2000 across all universities and colleges in the Slovak Republic for Academic Excellence), Volksbank – Ludova Banka a.s.
- 2001 Post-doctoral Mentor Based Fellowship, American Diabetes Association
- 2006 Inaugural Dr. Gerald E. Daigler Residency Program Director Award
- 2011 Inaugural “My Doc Rocks!” nominee for Alabama; campaign organized by the Arthritis Foundation
- 2011 Department of Pediatrics Excellence in Teaching Award

CERTIFICATES:

- 2012 AAPC Certified Rheumatology Coder

PROFESSIONAL SOCIETIES:

- Alabama Society for the Rheumatic Diseases (2009-present)
- American College of Rheumatology
- Childhood Arthritis & Rheumatology Research Alliance (CARRA)

UNIVERSITY ACTIVITIES:

- 1. Curriculum Committee for UAB Pediatrics Residency Program, 2009 - 2011
- 2. CME Committee for Children’s of Alabama, Birmingham, 2012 – present
- 3. Curriculum Committee Resident/Faculty Task Force 2011-2012
- 4. Clinical Strategic Planning Committee 2012
- 5. Collaborative Physician for Pediatric Nurse Practitioner, Sherry Chatman CRNP , 2010
- 6. Collaborative Physician for Pediatric Nurse Practitioner, Cindy Bridgewater CRNP, January 2011 - current
- 7. UAB Pediatric Residency Program Career Day – academic track panel discussion; Bradley Lecture Center, Children’s Harbor Building, February 21, 2011

MAJOR RESEARCH INTERESTS:

- 1. Education of medical students, residents, and fellows.
- 2. Transition care from pediatric to adult practices.
- 3. Musculoskeletal ultrasonography for diagnosis and treatment.
- 4. Diagnosis and treatment of pediatric amplified musculoskeletal pain syndromes.

TEACHING EXPERIENCE:

CME/GRAND ROUNDS/EDUCATIONAL LECTURES:

- 1. Lecturer, “It’s a Hard Life: Systemic Sclerosis”, Rheumatology Grand Rounds, Washington University, St. Louis, MO, September 2006
- 2. Lecturer, “Baby Blues”, Rheumatology Grand Rounds, Washington University, St. Louis, MO, April 2007
- 3. Lecturer, “Looks Can Be Deceiving”, Rheumatology Grand Rounds, Washington University, St. Louis, MO, May 2007

4. Lecturer, "Periodic Febrile Syndromes – FKO?", Pediatric Grand Rounds, Women & Children's Hospital of Buffalo, Buffalo, NY, June 2008
5. Lecturer, "Rheumatology in Pediatrics", CME event at the Crestwood Medical Center, Hunstville, AL, for primary and subspecialty care providers, November 2009
6. Lecturer, "Recurrent Fever Syndromes", for adult Rheumatology Fellow's conference, University of Alabama at Birmingham, Birmingham, AL, December 2009
7. Lecturer, "Recurrent Fever Syndromes", for pediatric residents at the University of South Alabama, Mobile, AL, January 2010
8. Lecturer, "It's in Your Head – Amplified Musculoskeletal Pain Syndrome". UAB Adolescent Update Continuing Education Conference – Interdisciplinary Perspectives: Physical Activity and Managing Adolescent Pain and Anxiety. Birmingham, AL, April 2011
9. Lecturer, "Is It in My Head? – Amplified Musculoskeletal Pain Syndromes". 4th Annual Shoals Pediatric Update, The University of Alabama School of Medicine, University of North Alabama, Florence, AL, April 2011
10. Lecturer, "It is Not Only in Your Head - Amplified Musculoskeletal Pain Syndromes". Morning with Faculty. Educational Update for Pediatric Allergy, Immunology & Rheumatology May 2011, The Children's Hospital of Alabama, Birmingham, AL
11. Lecturer, "Macrophage Activation Syndrome – The Enemy in Disguise". Grand Rounds, June 2011, Columbus Medical Center, Columbus, GA
12. Lecturer, "Juvenile Idiopathic Arthritis". JA Saturdays organized by the Arthritis Foundation Alabama Chapter. September – October 2011, Hunstville, Al; Montgomery, AL; Mobile, AL
13. Lecturer, "To Refer or Not to Refer – A Joint Adventure". Grand Rounds, October 2011, Columbus Medical Center, Columbus, GA
14. Lecturer, "Old Enemy, New Friends. Kawasaki Disease in the Era of Biologics". Grand Rounds, April 2012, Columbus Medical Center, Columbus, GA
15. Lecturer, "New Allies Against an Old Enemy: Kawasaki Disease in the Era of Biologics". Grand Rounds, July 2012. Childrens of Alabama, Birmingham, AL
16. Lecturer, "Life Goes On. It's a Detour Not a Wall". Vasculitis Foundation Symposium, July 2012, Atlanta, GA,
17. Lecturer, "Juvenile Idiopathic Arthritis". JA Saturdays organized by the Arthritis Foundation Alabama Chapter. March – October 2013, Hunstville, Al; Montgomery, AL; Mobile, AL
18. Lecturer, "Growing-up Pains: Is There a Cure for Adolescent Transitioning". The 58th Annual Lowe Conference on Rheumatic Diseases. September 27-29, 2013; Stough Lodge, Camp McDowell, AL.

UNIVERSITY COURSES:

19. Lecturer, "Pediatric Rheumatology", University of Alabama at Birmingham School of Medicine 3rd year medical students required pediatric clerkship, every 8 weeks, 2009-present
20. Lecturer, topics in pediatric rheumatology for residents, recurring 2009 – present

CLINICAL SERVICE (rotating medical students, residents, and fellow physicians):

21. Attending physician at Pediatric Rheumatology Clinic, Children's Hospital of Alabama, five half-days per week.

22. Attending Physician at Pediatric Rheumatology Satellite Clinic, Children's Hospital of Alabama – Huntsville (October 2012-present) and Montgomery (July 2013-present), 2 half days monthly each location
23. Consulting physician for the Undiagnosed Disease Program – UAB, Birmingham, AL.– starting Fall 2013.
24. Attending Physician on the Pediatric Rheumatology Service, Children's Hospital of Alabama, 14 weeks per year, 2009-present
25. Attending Physician, Children's Rehabilitation Service, Children's Hospital of Alabama, once monthly, 2009-2011
26. Attending Physician, Children's Rehabilitation Service, South Alabama Campus, Mobile, AL, once bimonthly, 2009-present

BIBLIOGRAPHY:

BOOK CHAPTERS PUBLISHED:

1. Cron RQ, Beukelman T, **Weiser P**. Juvenile idiopathic arthritis. In Rich RR, Fleisher TA, Shearer WT, Schroeder H, Weyand C, Frew A (Eds.), *Clinical Immunology: Principles and Practice*, 4th Edition, 2011. London:Elsevier.
2. **Weiser P**, Cron RQ, Pessler F. Sarcoidosis. In M. William Schwartz (Ed). *The 5-Minute Pediatric Consult*. 6th edition, 2012. pp762-763.
3. **Weiser P**, Cron RQ. Scleroderma . In M. William Schwartz (Ed). *The 5-Minute Pediatric Consult*. 6th edition, 2012. pp768-769.
4. **Weiser P**. Approach to the Patient with Noninflammatory Musculoskeletal Pain. In Laxer R., Sherry DD (Eds). In: *Pediatric Clinics of North America*. Elsevier. 2012. pp471-492

MANUSCRIPTS PUBLISHED:

1. Whalen BJ, **Weiser P**, Marounek J, Rossini AA, Mordes JP, Greiner DL. Recapitulation of normal and abnormal BioBreeding rat T cell development in adult thymus organ culture. *J Immunol*. 1999 Apr 1;162(7):4003-12.
2. Whalen BJ, Marounek J, **Weiser P**, Appel MC, Greiner DL, Mordes JP, Rossini AA. BB rat thymocytes cultured in the presence of islets lose their ability to transfer autoimmune diabetes. *Diabetes*. 2001 May;50(5):972-9.
3. Pearson T, **Weiser P**, Markees TG, Serreze DV, Wicker LS, Peterson LB, Cumisky AM, Shultz LD, Mordes JP, Rossini AA, Greiner DL. Islet allograft survival induced by costimulation blockade in NOD mice is controlled by allelic variants of Idd3. *Diabetes*. 2004 Aug;53(8):1972-8.
4. Studelska DR, Mandik-Nayak L, Zhou X, Pan J, **Weiser P**, McDowell LM, Lu H, Liapis H, Allen PM, Shih FF, Zhang L. High affinity glycosaminoglycan and autoantigen interaction explains joint specificity in a mouse model of rheumatoid arthritis. *J Biol Chem*. 2009 Jan 23;284(4):2354-62.

5. Pan J, Qian Y, Zhou X, Pazandak A, Frazier SB, **Weiser P**, Lu H, Zhang L. Oversulfated chondroitin sulfate is not the sole contaminant in heparin. *Nat Biotechnol*. 2010 Mar;28(3):203-7
6. Yi Qian, Jing Pan, Xiaodong Zhou, **Weiser P**, Hong Lu, Shih FF, Porche-Sorbet R, Eby C, Lijuan Zhang. Heparin and oversulfated heparin byproduct induce thrombin generation through contact system activation in plasma of patients with HIT. *Clin Appl Thromb Hemost*. 2010 Jun;16(3):251-60
7. Yi Qian, Jing Pan, Xiaodong Zhou, **Weiser P**, Hong Lu, Beck AM, Shih FF, Lijuan Zh. Contaminated heparin-affected patient plasmas are associated with activated contact systems. *Clin Appl Thromb Hemost*. 2010 Jun;16(3):26
8. Pan J, Qian Y, Zhou X, Pazandak A, Frazier SB, **Weiser P**, Lu H, Zhang L. Identification of Chemically Sulfated/desulfated Glycosaminoglycans in Contaminated Heparins and Development of a Simple Assay for the Detection of Most Contaminants in Heparin. *Glycobiol Insights*. 2010 Feb 2;2010(2):1-12.
9. Qian Y, Pan J, Zhou X, **Weiser P**, Lu H, Zhang L. Molecular mechanism underlines heparin-induced thrombocytopenia and thrombosis. *Prog Mol Biol Transl Sci*. 2010;93:395-421. Review.
10. Zhou X, **Weiser P**, Pan J, Qian Y, Lu H, Zhang L. Chondroitin sulfate and abnormal contact system in rheumatoid arthritis. *Prog Mol Biol Transl Sci*. 2010;93:423-42. Review.
11. **Weiser P**, Qian Y, Pan J, Zhou X, Lu H, Studelska DR, Shih FF, Zhang L. Activated contact system and abnormal glycosaminoglycans in lupus and other auto- and non-autoimmune diseases. *Prog Mol Biol Transl Sci*. 2010; 93:443-72. Review.
12. Pan J, Qian Y, **Weiser P**, Zhou X, Lu H, Studelska DR, Zhang L. Glycosaminoglycans and activated contact system in cancer patient plasmas. *Prog Mol Biol Transl Sci*. 2010;93:473-95. Review.
13. Fain ET, Atkinson GP, **Weiser P**, Beukelman T, Cron RQ. Temporomandibular joint arthritis in pediatric Sjogren disease and sarcoidosis. *J Rheumatol*. 2011;38(10):2272-3
14. **Weiser P**, Johnson S, Lowe R, Cron RQ. Temporomandibular Joint Arthritis in Juvenile Dermatomyositis and Pediatric Mixed Connective Tissue Disease. *Ann Paediatr Rheum*. 2013;2(2):91-94
15. Donnithorne KJ, Read RW, Lowe R, **Weiser P**, Cron RQ, Beukelman T. Retinal vasculitis in two pediatric patients with systemic lupus erythematosus: a case report. *Pediatr Rheumatol Online J*. 2013 Jun 4;11(1):25
16. Beckum KM, Kim DJ, Kelly DR, **Weiser P**, Lara DA, Theos A. Polyarteritis Nodosa in Childhood: Recognition of Early Dermatologic Signs May Prevent Morbidity. *Pediatr Dermatol*. 2013 Aug 13. doi: 10.1111/pde.12207. [Epub ahead of print]
17. Tambralli A, Beukelman T, **Weiser P**, Atkinson TP, Cron RQ, Stoll ML. High Doses of Infliximab in the Management of Juvenile Idiopathic Arthritis. *J Rheumatol*. 2013 Oct;40(10):1749-1755

**OTHER PUBLICATIONS:
NON-PEER REVIEWED:**

REVIEWS:

1. Kuchta M., Weiser P.: *Analýza detského plaču*, (*Infant cry acoustical analysis*), review, Folia Medica Cassoviensia, Universitas Šafarikiana Cassoviensis, 1997, Tomus 54: 320-324

MEDIA:

1. Dr. Peter Weiser: Pediatric Rheumatology, treating young vasculitis patients. Published by the Vasculitis Foundation. <http://www.youtube.com/watch?v=9w977tvdTNE>

BOOKS:

Book Scientific Editor:

1. Nagy Melinda: Humánbiológia. (Human Biology). Textbook. Lilium Aurum 2006.

PUBLISHED ABSTRACTS:

Poster Exhibits:

- 1 Cron, RQ, Tramballi, Beukelman T., **Weiser, P**, Atkinson TP, Stoll ML: *High Doses of Infliximab in the Management of Juvenile Idiopathic Arthritis*. EULAR 2013, Madrid, Spain, 12 – 15 June 2013
- 2 **Weiser P.**, Zhou X. , Pan J. , Qian Y. , Shih FF., Pham CTN. , Zhang L.: *Chondroitin sulfate contributes to joint inflammation in the K/BxN experimental model*. Poster presentation at the Washington University Department of Pediatrics Research Retreat, Saint Louis, MO, April 3, 2009.

Oral Presentations:

1. Najmik P., **Weiser P.**: *Self-monitoring versus ambulatory monitoring of blood pressure by patients with hypertension*, IV. Meeting of the Slovak Cardiology Society with International Participation, Košice, September 23 – 26, 1999.
1. Melinda Nagy, Lajos Kalmár, **Peter Weiser**, Attila Tordai: *Population Genetic Analysis of Disease Founder Mutations*. Abstract presentation at the 15th Congress of the European Anthropological Association, “Man and Environment: Trends and Challenges in Anthropology”, Budapest , Hungary , 31 August – 3 September, 2006.