

CURRICULUM VITAE
Yong Bao

1. *Date:* 9/8/2020

I. Personal

2. *Name:* Yong Bao

3. *Home Phone:* 786-293-5111

4. *Office Phone:* 305-243-2920

5. *Address:*

Office: Division of Pediatric Endocrinology
 Department of Pediatrics
 Mailman Center for Child Development
 1601 NW 12 Ave. Suite 3044A
 D820
 Miami, FL 33136

Home: 7482 SW 156th St.,
 Miami, FL 33157

6. *Current Academic Rank:* Assistant Professor of Clinical Pediatrics.

6A. *Current Track of Appointment:* Clinical Educator Track

7. *Primary Department:* Pediatrics

8. *Secondary or Joint Appointment:* None

9. *Citizenship:* USA

10. *Visa Type:* N/A

II. Higher Education

11. *Institutional:*
9/1979 – 7/1987

M.D.
Peking Union Medical College
Beijing, P.R. China
(Includes two and a half years of premedical education in the
Department of Biology, Peking University, September 1979 -
February 1982)

12. Non-Institutional:

7/1986 – 7/1987

Internship
Peking Union Medical College Hospital
Beijing, P.R. China

7/1987 – 4/1990

Resident in General Surgery
Department of Surgery
Peking Union Medical College Hospital
Beijing, P.R. China

6/1996 – 6/1999

Resident in Pediatrics
Nicklaus Children's Hospital
Miami, FL 33155-3009

7/1999 – 6/2001

Fellow in Pediatric Endocrinology
Jackson Memorial Medical Center/University of Miami
Miami, FL 33136

13. Certification and Licensure:

1999

Medical License, State of Florida.

1999

Pediatric Board.

2001

Pediatric Endocrinology Board.

2007

Pediatric Endocrinology Board Recertified.

III. Experience

14. Academic:

7/2001 - present

Assistant Professor of Clinical Pediatrics
Pediatric Endocrinology
Department of Pediatrics
University of Miami Miller School of Medicine

15. Hospital Appointments:

7/2001 - present

Attending Physician of Pediatric Endocrinology
Holtz Children's Hospital
Jackson Memorial Hospital

16. Non-Academic:

4/1990 – 7/1990

Visiting Scholar
Laboratory of Ovarian and Breast Cancer Biology
Duke Comprehensive Cancer Center

8/1990 – 5/1996

Research Associate

Division of Medical Genetics
Department of Pediatrics
Duke University Medical Center
Durham, NC 27710

17. Military:
N/A

IV. Publications

18. Books and Monographs Published:

1. Carrillo, A., and **Y. Bao**, Hormonal Dynamic Tests and Genetic Tests Used in Pediatric Endocrinology, In: Volume 2. Chapter 33. Pediatric Endocrinology, 5th Edition. F. Lifshitz, ed., Informa Healthcare, 737 – 767, 2007

19. Juried or Refereed Journal Articles or Exhibitions:

1. Donda, K., R. Zambrano, Y. Moon, J. Percival, R. Vaidya, F. Dapaah-Siakwan, S. Luo, MR. Duncan, **Y. Bao**, L. Wang, L. Qin, M. Benny, K. Young, S. Wu, Riociguat Prevents Hyperoxia-induced Lung Injury and Pulmonary Hypertension in Neonatal Rats without Effects on Long Bone Growth. PLoS One. Jul 10;13(7):e0199927, 2018
2. Ukarapong, S., G. Berkovitz, K. McElreavey, A. Bashambo, **Y. Bao**, Early Recognition of Gonadal Dysgenesis in Congenital nephrotic Syndrome. Clinical Nephrology 86:341-344, 2016
3. Flemming, G.M.C., J. Klammt, J. G. Ambler, **Y. Bao**, W.F. Blum, C. Cowell, C., K. Donaghue, N. Howard, A. Kumar, J. Sanchez, H. Stobbe and R.W. Pfäffle, Functional characterization of a heterozygous GLI2 missense mutation in patients with multiple pituitary hormone deficiency. J Clin Endocrinol Metab. 2013 Mar;98(3):E567-75. doi: 10.1210/jc.2012-3224. Epub 2013 Feb 13.
4. Sims, E.K., S. Garnett, F. Guzman, F. Paris, C. Sultan, and E.A. Eugster, on behalf of the fulvestrant McCune-Albright study group. Fulvestrant treatment of precocious puberty in girls with McCune-Albright syndrome. Int J Pediatr Endocrinol. 22;2012(1):26. 2012
5. Ukarapong, S., **Y. Bao**, E.M. Perera and G.D. Berkovitz, Megakaryocyte development is normal in mice with targeted disruption of Tescalcin. Exp. Cell Res. 10;318(5):662-9. 2012
6. Perera, E.M., **Y. Bao**, L. Kos and G.D. Berkovitz, Structural and functional characterization of the mouse tescalcin promoter. Gene 464(1-2):50-62, 2010.
7. **Bao, Y.**, Q.J. Hudson, E.M. Perera, L., Akan, S.A. Tobet, C.A. Smith, A.H. Sinclair and G.D. Berkovitz, Expression and Evolutionary Conservation of the Tescalcin Gene During Development. Gene Expr. Patterns 9(5):273-81, 2009.
8. Seeherunvong, T., E.M. Perera, **Y. Bao**, P.J. Benke, A. Benigno, R.P. Donahue and G.D. Berkovitz, 46,XX sex reversal with partial duplication of chromosome arm 22q. Am. J. Hum. Genet. 127A:149-151, 2004
9. **Bao, Y.**, B.-Z. Yang, T.L. Dawson, Jr. and Y.-T. Chen, Isolation and nucleotide sequence of human liver glycogen debranching enzyme mRNA: identification of multiple tissue-specific

isoforms. *Gene* 197: 389-398, 1997

10. Kishnani, P. S., **Y. Bao**, J.-Y. Wu, J.-L. Lin and Y.-T. Chen, Isolation and nucleotide sequence of canine glucose-6-phosphatase mRNA: identification of mutation in puppies with glycogen storage disease type Ia. *Biochem. Mol. Med.* 61(2):168-177, 1997
11. Shen, J.-J., H.-M. Liu, **Y. Bao** and Y.-T. Chen, Polymorphic markers of the glycogen debranching enzyme gene allowing linkage analysis in families with glycogen storage disease type III. *J. Med. Genet.* 34(1):34-8, 1997
12. Shen, J.-J., **Y. Bao** and Y.-T. Chen, A nonsense mutation due to a single base insertion in the 3'-coding region of glycogen debranching enzyme gene is associated with a severe phenotype in a patient with glycogen storage disease type III. *Hum. Mutation.* 9(1):37-40, 1997
13. **Bao, Y.**, T.L. Dawson, Jr. and Y.-T. Chen, Human glycogen debranching enzyme gene (AGL): Complete Structural Organization and Characterization of the 5' Flanking Region. *Genomics.* 38(2):155-65, 1996
14. Shen, J.-J., **Y. Bao**, H.-M. Liu, P. Lee, J.V. Leonard and Y.-T. Chen, Mutation in exon 3 of the glycogen debranching enzyme gene are associated with glycogen storage disease type III that is differentially expressed in liver and muscle. *J. Clin. Invest.* 98(2):352-7, 1996
15. **Bao, Y.**, P. Kishnani, J.-Y. Wu and Y.-T. Chen, Hepatic and neuromuscular forms of glycogen storage disease type IV caused by mutations in the same glycogen branching enzyme gene. *J. Clin. Invest.* 97(4):941-948, 1996.
16. Mishori-Dery, A., N. Bashan, S. Moses, E. Hershkovitz, **Y. Bao**, Y.-T. Chen and R. Parvari, RFLPs for linkage analysis in families with glycogen storage disease type III. *J. Inherit. Metab. Dis.* 18(2):207-10, 1995
17. Yang, B.Z., J.H. Ding, J.J. Enghild, **Y. Bao**, and Y.-T. Chen, Molecular cloning and nucleotide sequence of cDNA encoding human muscle glycogen debranching enzyme. *J. Biol. Chem.* 267(13):9294-9, 1992.
18. Ding, J.H., B.Z. Yang, B.Z., **Y. Bao**, C.R. Roe and Y.-T. Chen, Identification of a new mutation in Medium-Chain Acyl-CoA Dehydrogenase deficiency. *Am. J. Hum. Genet.* 50:229-233, 1992.
19. **Bao, Y.** and H.M. Sheng, Bacteriologic changes in biliary tract after P.T.C.D. *Acta Academiae Mediciniae Sinicae, Suppl.* 1, 1988.
20. **Bao, Y.** and G.F. Mu, Immune ascitic fluid against enterovirus type 70 and type 71 by SP2/0 cell in Balb/c mice. *Acta Academiae Mediciniae Sinicae, Suppl.* 2, 1987.

20. *Other Works, Publications and Abstracts:*

Review Article: Refereed

1. Diamantopoulos, S. and **Y. Bao**, Gynecomastia and Premature Thelarche, a guide for practitioners. *Pediatr Rev. Sep*; 28(9):e57-68, 2007

Abstracts: Refereed

1. Bustamante-Escobar, C.L., **Y. Bao**, The Initial Dose of ¹³¹I as a Potential Independent Predictor for Residual/Relapsed Disease in Pediatric Differentiated Thyroid Cancer. Poster Presentation. ENDO 2020, San Francisco, CA, March 2020
2. **Bao, Y.**, R. Zambrano, and S. Wu, Tescalcin signaling as novel target for hyperoxia-induced pulmonary hypertension and right ventricular hypertrophy. Platform oral presentation. Pediatric Academic Societies Annual Meeting, 5/2017
3. **Bao, Y.**, R. Zambrano, D. Alapati and S. Wu, Inhibition of β -Catenin Signaling Down-Regulates Tescalcin Expression and Decreases Right Ventricular Hypertrophy in Hyperoxia Exposed Neonatal Rats. Poster Presentation. Pediatric Academic Societies Annual Meeting, 4/2016
4. **Bao, Y.**, R. Zambrano, D. Alapati and S. Wu, β -Catenin/Tescalcin Signaling As Novel Target for Hyperoxia Induced Pulmonary Hypertension and Right Ventricular Hypertrophy. Session Lecture. The 7th International Conference on Drug Discovery and Therapy. 2/2016
5. Reddy, K.M., S.S. Konda, S. Ukarapong, **Y. Bao** and G.D. Berkovitz, Ectopic Thyroid Gland Simulating Thyroglossal Duct Cyst: A Case Report. Poster Presentation. The 8th Joint ESPE and LWPES Meeting. New York, NY, September 2009
6. Ukarapong, S., **Y. Bao**, K.M. Reddy and G.D. Berkovitz, Protracted Hypoglycemia in an Infant of a Diabetic Mother. Poster Presentation. The 8th Joint ESPE and LWPES Meeting. New York, NY, September 2009
7. Ukarapong, S., K.M. Reddy, **Y. Bao** and G.D. Berkovitz, 46,XX DSD, Aortic Stenosis, and Normal Gonadal Function. Poster Presentation. The 8th Joint ESPE and LWPES Meeting. New York, NY, September 2009
8. Flemming, G.M.C., J. Klammt, W. Kiess, W.F. Blum, G. Ambler, N. Howard, K. Donaghue, C. Cowell, **Y. Bao**, J. Sanchez, A. Kumar and R.W. Pfaeffle, Functional analysis of novel GLI2 mutations in patients with multiple pituitary hormone deficiency (MPHD). Oral Presentation. ENDO 2008. The 90th Annual Meeting of The Endocrine Society. San Francisco, CA, June 2008
9. Perera, E.M., L. Kos, **Y. Bao** and G.D. Berkovitz, Genomic Organization and Promoter Characterization of the Mouse Tescalcin Gene. Poster Presentation. ENDO 2007. The 89th Annual Meeting of The Endocrine Society. Toronto, Canada. June 2007
10. **Bao, Y.**, Q.J. Hudson, E.M. Perera, L. Akan, S.A. Tobet, C.A. Smith, A.H. Sinclair and G.D. Berkovitz, Expression and Evolutionary Conservation of the Tescalcin Gene During Development. Poster Presentation. ENDO 2007. The 89th Annual Meeting of The Endocrine Society. Toronto, Canada. June 2007

11. Seeherunvong, T., E.M. Perera, K. McElreavey, **Y. Bao** and G.D. Berkovitz, Duplication of SOX9 Is a Rare Cause of 46,XX Sex Reversal. Poster presentation. ENDO 2005. The 87th Annual Meeting of The Endocrine Society. San Diego, CA June 2005.
12. **Bao, Y.**, E.M. Perera, M. Damian and G.D. Berkovitz, Tescalcin, A Novel EF-Hand Calcium Binding Protein, Is Expressed in Embryonic Testis, Adrenal and Brain. Poster presentation. ENDO 2005. The 87th Annual Meeting of The Endocrine Society. San Diego, CA. June 2005.
13. **Bao, Y.**, L. Akan, L. Min and G.D. Berkovitz, The embryonic testis gene tescalcin is expressed in embryonic adrenal gland and heart. Poster presentation in the Annual Meeting of The Endocrine Society in New Orleans, Louisiana, Jun. 2004.
14. **Bao, Y.**, P. Kishnani and Y.-T. Chen, Hepatic and neuromuscular forms of glycogen storage disease type IV caused by mutations on the same glycogen branching enzyme gene. Oral presentation in the 45th Annual Meeting of the American Society of Human Genetics in Minneapolis, Minnesota, (Am. J. Hum. Genet. 57:A9) Oct. 1995.
15. Kishnani, P., **Y. Bao**, J.-Y. Wu, A.E. Brix and Y.-T. Chen, Mutation in canine glucose-6-phosphatase deficiency (Glycogen storage disease type Ia, GSD-Ia). Poster presentation in the Annual Meeting of the American Pediatric Society and the Society for Pediatric Research, 1995.
16. Mishori-Dery, A., N. Bashan, S. Moses, E. Hershkovitz, R. Carmi, **Y. Bao**, Y.-T. Chen, and R. Parvari, Restriction fragment length polymorphism within the glycogen debranching enzyme gene might enable linkage analysis in families with glycogen storage disease type III. Poster presentation in the 32nd Annual Symposium, the Society for the Study of Inborn Errors of Metabolism, 1994.
- 14 Kishnani, P., **Y. Bao**, A.E. Brix, E.W. Howerth and Y.-T. Chen, Cloning of the canine glucose-6-phosphatase gene. Poster Presentation in the 44th Annual Meeting of the American Society of Human Genetics in Montreal, Canada, (Am. J. Hum. Genet. 55:A326) Oct. 1994.
15. **Bao, Y.**, P. Kishnani, T.T. Tang, D.T. Harris and Y.-T. Chen, Identification of mutations in type IV glycogen storage disease. Oral presentation in the 44th annual meeting of the American Society of Human Genetics in Montreal, Canada, (Am. J. Hum. Genet. 55:A4) Oct. 1994.
16. **Bao, Y.**, B.Z. Yang and Y.-T. Chen, Structural organization of the multifunctional human debrancher gene. Poster presentation in the 43rd annual meeting of the American Society of Human Genetics in New Orleans, Louisiana, (Am. J. Hum. Genet. 53:622A) Oct. 1993.
17. Yang, B.Z., J.H. Ding, **Y. Bao**, J.F.M. Eason and Y.-T. Chen, Molecular basis of the enzymatic variability in type III glycogen storage disease (GSD-III). Oral presentation in the 42nd annual meeting of the American Society of Human Genetics in San Francisco, California, (Am. J. Hum. Genet. 51:A28) Oct. 1992.

18. Ding, J.H., B.Z. Yang, **Y. Bao**, C.R. Roe and Y.-T. Chen, Identification of a new mutation in Medium-Chain Acyl-CoA Dehydrogenase (MCAD) Deficiency. Poster presentation in the 41st annual meeting of the American Society of Human Genetics and the 8th International Congress of Human Genetics in Washington DC, (Am. J. Hum. Genet. 49:403) Oct. 1991.

21. *Other Works Accepted for Publication:*

Manuscript: Refereed

None.

V. Professional

22. *Funded Research Performed:*

06/2017 - CP-4-006: A Phase 3, Open-label, Randomized, Multicenter, 12 Months, Efficacy and Safety Study of Weekly MOD-4023 Compared to Daily GENOTROPIN® -Therapy in Pre-pubertal Children With Growth Hormone Deficiency.

Completed

- 12/2001 – 03/2016 The Genetics and Neuroendocrinology of Short Stature International Study (GeNeSIS)
Sponsor: Eli Lilly and Company
Principal Investigator: Yong Bao
\$42,600.00, but will not be limited to this amount depending on the number of subjects enrolled from our site.
- 10/2007 – 07/2012 A Four-year Open-label Multi-center Randomized Two-arm Study of Genotropin in Idiopathic Short Stature Patients: Comparing An Individualized, Targeted-driven Treatment Regimen to Standard Dosing of Genotropin
Sponsor: Pfizer, Inc.
Principal Investigator: Yong Bao
\$90,000
- 01/2006 – 01/2013 An Open-label, Noncomparative Trial to Evaluate the Pharmacokinetics, Safety and Efficacy of FASLODEX (fulvestrant) in Girls with Progressive Precocious Puberty Associated with McCune-Albright Syndrome Sponsor: AstraZeneca Pharmaceuticals LP.
Principal Investigator: Yong Bao
\$48,000
- 08/2006 – 06/2010 Genentech National Cooperative Growth Study (NCGS) Post-Marketing Surveillance Program for Nutropin AQ [Somatropin (rDNA Origin) for Injection], Nutropin [Somatropin (rDNA Origin) for Injection], and Protropin [Somatropin for injection]

Sponsor: Genentech
Principal Investigator: Yong Bao
The payment is based on the number of subjects enrolled in the study.

23. *Editorial Responsibilities:*

N/A

24. *Professional and Honorary Organizations:*

2002 – present Member of The Endocrine Society
2004 – present Member of The Pediatric Endocrine Society

25. *Honors and Awards:*

1994 Post-doctoral Fellow Award for outstanding research in the annual meeting of the Association of Chinese Geneticists in America held at the 44th annual meeting of the American Society of Human Genetics, Montreal, Canada, Oct. 1994.

1997 Continuing Care Center Award in recognition of the effort, contribution, and overall performance in Ambulatory Pediatrics during the 1997 academic year in Miami Children's Hospital.

2009 – present BEST DOCTORS in America Database
2013 Top 10 Doctor Award
2014 Vitals Patients' Choice Award
2015 – present Castle Connolly Top Doctors Award

26. *Post-Doctoral Fellowships:*

N/A

27. *Other Professional Activities:*

INVITED PRESENTATIONS

International

10/2019 Prematurity Neonatal Network Conference, Beijing, China: "Evaluation and Management of Abnormalities of Calcium and Phosphorus Metabolism in Premature Infants"

10/2019 Prematurity Neonatal Network Conference, Beijing, China: "Neonatal Thyroid Dysfunction and Management"

10/2018 Northeast of China Neonatal Conference, Changchun, China: "Evaluation and Management of Neonatal Thyroid Disorders"

9/2016 Pediatric Grand Rounds, Department of Pediatrics, Peking Union Medical College Hospital, Beijing, China: "Metabolic Bone Disease of Prematurity"

- 9/2016 Pediatric Respiratory Conference, Leshan, China: “Thyroid Function and Dysfunction in the Neonates”
- 2/2016 Session Lecture, The 7th International Conference on Drug Discovery and Therapy. Dubai, UAE: “ β -Catenin/Tescalcin Signaling As Novel Target for Hyperoxia Induced Pulmonary Hypertension and Right Ventricular Hypertrophy”
- 9/2015 Northeast of China Neonatal Conference, Changchun, China: “Thyroid Disorders in Neonates”
- 9/2015 Northeast of China Neonatal Conference, Changchun, China: “Metabolic Bone Disease of Prematurity” 9/2015
- 9/2015 Pediatric Grand Rounds, Department of Pediatrics, Peking Union Medical College Hospital, Beijing, China: “Thyroid Disorders in Neonates and Children”

National and Local

- 10/2019 Human Growth Foundation Education Day for Greater Miami Pediatric Society sponsored by Human Growth Foundation and Nicklaus Children’s Hospital, Miami, Florida: “Thyroid Nodules and Thyroid Cancer in Children”
- 10/2017 Human Growth Foundation Education Day for Greater Miami Pediatric Society sponsored by Human Growth Foundation and Nicklaus Children’s Hospital, Miami, Florida: “Thyroid Disorders in Childhood”
- 10/2016 Human Growth Foundation Education Day for Greater Miami Pediatric Society sponsored by Human Growth Foundation and Nicklaus Children’s Hospital, Miami, Florida: “Evaluation of Thyroid Nodules in Children”
- 10/2015 Human Growth Foundation Education Day for Greater Miami Pediatric Society sponsored by Human Growth Foundation and Nicklaus Children’s Hospital, Miami, Florida: “Thyroid Disorders in Childhood”
- 5/2013 Pediatric Research Forum, Department of Pediatrics, Miller School of Medicine, University of Miami, Miami, Florida: “XX Gonadal Dysgenesis”
- 11/2012 Endocrine Grand Rounds, Division of Endocrinology, Diabetes and Metabolism, Department of Medicine, Miller School of Medicine, University of Miami, Miami, Florida: “Sex Determination and Disorders of Sex Development”
- 11/2011 Greater Miami Association of Diabetes Educators (GMADE) 5th Annual Diabetes Education Seminar, Miami, Florida: “Autoimmune Endocrinopathies Associated With Type 1 Diabetes”

- 4/2010 Pediatric Grand Rounds, Department of Pediatrics, Miller School of Medicine, University of Miami, Miami, Florida: “Secular Trends of Pubertal Development”
- 3/2010 Seminar, Jackson North Medical Center, Miami, Florida: “Obesity in Children”
- 9/2009 Pediatric Staff Conference, Department of Pediatrics, Miller School of Medicine, University of Miami, Miami, Florida: “Cushing Syndrome”
- 2/2009 Master of Pediatrics Workshop, Department of Pediatrics, Miller School of Medicine, University of Miami, Miami, Florida: “Evaluation and Treatment of Children with Growth Failure”
- 11/2005 Pediatric Grand Rounds, Department of Pediatrics, Miller School of Medicine, University of Miami, Miami, Florida: “Congenital Adrenal Hypoplasia”
- 8/2004 Pediatric Grand Rounds, Department of Pediatrics, Miller School of Medicine, University of Miami, Miami, Florida: “Gonadal Differentiation As a Model for Embryonic Development”
- 11/2002 Pediatric Grand Rounds, Nicklaus Children’s Hospital, Miami, Florida: “Thyroid Disorders in Newborn Infants”
- 3/1995 Faculty Research Meeting, Department of Pediatrics, Duke University Medical Center, Durham, North Carolina: “Molecular Mechanism of Glycogen Storage Disease Type IV”

VI. Teaching

28. *Teaching Awards Received:*
N/A

29. *Teaching Specialization:*

Medical School Teaching

2005 – present Congenital Adrenal Hyperplasia
 Endocrine and Reproductive Module Lecture Series
 Medical School Curriculum
 University of Miami Miller School of Medicine

2010 – present Small Group Discussion
 Endocrine and Reproductive Module Lecture Series
 Medical School Curriculum
 University of Miami Miller School of Medicine

Pediatric Resident and Fellow Teaching

- 1999 – present Pediatric Teaching Round
 Department of Pediatrics
 University of Miami Miller School of Medicine
- 2002 – Pediatric Endocrine Lecture Series
 Pediatric Resident Lecture Series
 Department of Pediatrics
 University of Miami Miller School of Medicine
- 2003 – present Hypothyroxinemia of Prematurity
 Neonatal Fellow Lecture Series
 Department of Pediatrics, Division of Neonatology
 University of Miami Miller School of Medicine
- 2003 – present Congenital Adrenal Hyperplasia
 Neonatal Fellow Lecture Series
 Department of Pediatrics, Division of Neonatology
 University of Miami Miller School of Medicine
- 2005 – 2006 Growth in Children Born Small for Gestational Age (SGA)
 CME Lectures Series for Community Pediatricians
 University of Miami Miller School of Medicine
- 2014 - present Management of Neonatal Hypoglycemia
 Neonatal Fellow Lecture Series
 Department of Pediatrics, Division of Neonatology
 University of Miami Miller School of Medicine
- 2014 – present Disorders of Sex Development
 Neonatal Fellow Lecture Series
 Department of Pediatrics, Division of Neonatology
 University of Miami Miller School of Medicine
- 2015 – present Thyroid Disorders in Neonate
 Neonatal Fellow Lecture Series
 Department of Pediatrics, Division of Neonatology
 University of Miami Miller School of Medicine

30. Thesis and Dissertation Advising/Post-doctoral Student Supervision:

MENTORSHIP

Leilin Min, MD (2002 – 2004) – Post-doctoral fellow who conducted studies to evaluate the role of tescalcin in gonadal development. He currently is working at Ivax Pharmaceuticals.

Leonardo Akan, MD (2003 – 2004) - Co-mentor. Pediatric Endocrinology Fellow who conducted studies to evaluate the role of tescalcin in adrenal development. He currently is an attending physician for Pediatrics and Pediatric Endocrinology at Trinidad and Tobago.

Middey Damian, MD (2005 – 2006) - Co-mentor. Pediatric Endocrinology Fellow who conducted studies to evaluate the role of tescalcin in pancreatic islets. She currently is practicing Pediatric Endocrinology in West Palm Beach County, Florida.

Konda Reddy, MD (2008 – 2009) - Co-mentor. Pediatric Endocrine Fellow who conducted studies to evaluate glucose metabolism in tescalcin knockout mice. He currently is practicing Pediatric Endocrinology in Orlando, Florida.

Supamit Ukarapong, MD (2009 – 2011) - Co-mentor. Pediatric Endocrinology Fellow who conducted studies for the role of tescalcin in the development of megakaryocytes. He currently is an Assistant Professor of Pediatrics at University of Miami, Miller School of Medicine.

Carmen Bustamante, MD (2017 – 2020) – Mentor. Pediatric Endocrinology fellow who is conducting research study for thyroid cancer in Pediatrics. She currently is the third year fellow at Jackson Memorial Medical Center/University of Miami, Miller School of Medicine.

VII. Service

31. University Committee and Administrative Responsibilities:

2014 – present Chair
 Clinical Competency Committee
 Pediatric Endocrinology Fellowship Program
 Division of Pediatric Endocrinology
 Department of Pediatrics
 University of Miami Miller School of Medicine

2018 – present External Reviewer
 Scholarship Oversight Committee (SOC)
 Pediatric Nephrology Fellowship Program
 Division of Pediatric Nephrology
 Department of Pediatrics
 University of Miami Miller School of Medicine

2014 – present Medical Library Committee
 University of Miami Miller School of Medicine

- 2001 – present Animal Study Protocol Maintenance and Coordination
 Pediatric Endocrinology Research Laboratory
 Division of Pediatric Endocrinology
 Department of Pediatrics
 University of Miami Miller School of Medicine
- 2001 – present Human Subject Research Protocol IRB Applications and Coordination
 Division of Pediatric Endocrinology
 Department of Pediatrics
 University of Miami Miller School of Medicine
- 2001 – present Coordination and Supervision of Clinical Dynamic Testing
 Division of Pediatric Endocrinology
 Department of Pediatrics
 University of Miami Miller School of Medicine
- 2001 – present Supervision and Coordination
 Pediatric Endocrinology Research Laboratory
 Division of Pediatric Endocrinology
 Department of Pediatrics
 University of Miami Miller School of Medicine

32. Community Activities:

- 2019 Juvenile Diabetes Research Foundation (JDRF) One walk
 Tropical Park
 Miami, FL
- 2018 March of Dime Walk/Run
 Tropical Park
 Miami, FL