

**CURRICULUM VITAE**  
**Ana Helena De Luca Karabell, M.D.**

**Professional Address:** 7900 Airways Blvd. Building A. Suite 1  
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**Birth Place:** Caracas, Venezuela

**Citizenship:** United States of America

**Education and Training:**

**Medical School:** Universidad Central de Venezuela, School of Medicine "Dr. Luis Razzetti ". Doctor in Medicine, 3/86 to 6/93

**Rural Service:** (Primary Care) Ambulatorio Urbano "Jose Ramon Figuera, Charallave- Venezuela, 6/93 to 6/94

**Internship:** Pediatrics, Hospital General del Oeste "Dr. José Gregorio Hernández", Caracas-Venezuela, 12/95 to 12/98 (PGY1)

**Residency:** Pediatrics, Hospital General del Oeste "Dr. José Gregorio Hernández", Caracas-Venezuela, 12/95 to 12/98 (PGY2/PGY3)

Pediatrics, Le Bonheur Medical Center  
University of Tennessee Health Science Center, Memphis 06/06 to 06/08

**Fellowship:** Pediatric Endocrine, Division of Pediatric Endocrinology,  
University of Tennessee Health Science Center, Memphis,  
Tennessee, 6/03 to 6/06

**Awards and honors:**

Chief Resident, third year of the residency, 12/97 to 12/98

2004 / New Orleans - Genetech Clinical Fellows Travel Grant recipient

2005 / San Diego - Genetech Clinical Fellows Travel Grant recipient

2005 Le Bonheur Research Grant recipient \$ 10,000 for "Regulation of Human Pyruvate Dehydrogenase Kinase gene expression"

2006 / Boston - Genetech Clinical Fellows Travel Grant recipient

2008 / San Francisco - Genetech Clinical Fellows Travel Grant recipient

**Other Professional Positions:**

Assistant Resident, Pediatrics, Hospital Materno Infantil “Ana Teresa Ponce”, Macuto  
Venezuela, 7/94-12/95

Private practice, Pediatrics. Caracas – Venezuela, 1/98 to 9/00

Research Assistant under Dr. Guillermo Umpierrez, University of Tennessee Health Science  
Center, Memphis, 06/02 to 05/03

**Memberships, Offices and Committee Assignments in Professional Organizations:  
Venezuela:**

Colegio de Médicos del Distrito Federal, Caracas-Venezuela, 1993 to Present

Sociedad Venezolana de Pediatría y Puericultura, 1998 to Present

The Endocrine Society, 2004 to Present.

**Publications:**

1. Aidar R. Gosmanov, Guillermo E. Umpierrez, **Ana H. Karabell**, Ruben Cuervo, and Donald Thomason. Impaired expression and insulin – stimulated phosphorylation of Akt- 2 in muscle of obese patients with atypical diabetes. Am J Physiol Endocrinol Metab 287: E8 – E15, 2004.
2. Guillermo E. Umpierrez, Ruben Cuervo, **Ana Karabell**, Kashif Latif, Amado X. Freire and Abbas E. Kitabchi. Treatment of Diabetic Ketoacidosis with Subcutaneous Insulin Aspart. Diabetes Care 27: 1873 – 1878, 2004.
3. Current and Future Treatment of Metabolic Syndrome and Type 2 Diabetes in Children and Adolescents. Johanna T. Mallare, **Ana H. Karabell**, Pedro Velasquez-Mieyer, Sarah R.S. Stender, Michael L. Christensen. Diabetes Spectrum 18:220-228, 2005.

**Abstracts:**

1. Safe and Cost Effective Management of Diabetic Ketoacidosis (DKA) With Short-Acting Subcutaneous Insulin Analogs. GE Umpierrez, K Latif, R Cuervo, **A Karabell**, A Freire, AE Kitabchi. Selected for presentation, Endocrine Society’s 85<sup>th</sup> Annual Meeting, Philadelphia, 2003.
2. Subcutaneous Aspart Insulin: A Safe and Cost Effective Treatment of Diabetic Diabetic Ketoacidosis (DKA). GE Umpierrez, K Latif, R Cuervo, **A Karabell**, A Freire, AE Kitabchi. Selected for presentation, American Diabetes Association, 63<sup>rd</sup> Scientific Sessions, New Orleans, LA, 2003.
3. Pathogenesis of  $\beta$ -cell Dysfunction in Obese African Americans (AA) with Atypical Diabetes. <sup>1</sup>GE Umpierrez, <sup>1</sup>R Cuervo, <sup>1</sup>**A Karabell**, <sup>1</sup>AE Kitabchi, <sup>2</sup>D Thomason. Selected for presentation, Endocrine Society’s 85<sup>th</sup> Annual Meeting, Philadelphia, 2003.

4. Effects of Glucotoxicity on  $\beta$ -cell function and Insulin Signaling In Obese African Americans With Atypical Diabetes. <sup>1</sup>A Gosmanov, <sup>2</sup>GE Umpierrez, <sup>2</sup>R Cuervo, <sup>2</sup>**A Karabell**, <sup>2</sup>AE Kitabchi, <sup>1</sup>D Thomason. Selected for presentation, American Diabetes Association, 63<sup>rd</sup> Scientific Sessions, New Orleans, LA, 2003.
5. Gestational Diabetes Mellitus (GDM) in African-Americans. <sup>1</sup>M Schneider, R <sup>2</sup>Cuervo, <sup>2</sup>**A Karabell**, <sup>1,2</sup>GE Umpierrez. Selected for presentation, American Diabetes Association, 63<sup>rd</sup> Scientific Sessions, New Orleans, LA, 2003.
6. Ketoacidosis During Pregnancy in African American Women with Type 2 Diabetes. <sup>1</sup>M Schneider, R <sup>2</sup>Cuervo, <sup>2</sup>**A Karabell**, <sup>1,2</sup>GE Umpierrez. Selected for presentation, Endocrine Society's 85<sup>th</sup> Annual Meeting, Philadelphia, 2003.
7. Regulation of Human Pyruvate Dehydrogenase Kinase gene expression. **Ana H. De Luca Karabell**, Ke ma, Prabodh Sadana, Yi Zhang, Shulan Song, Edwards A Park. . Selected for presentation, Endocrine Society's Annual Meeting, San Diego 2005.

#### Poster Presentations

Regulation of Human Pyruvate Dehydrogenase gene expression. Mentor: Dr. Edward Park Assistant Professor of Pharmacology. University Of Tennessee Health Science Center. Selected for presentation, Endocrine Society's Annual Meeting, San Diego 2005.