

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Luciani Renata Silveira de Carvalho, MD, Ph.D	POSITION TITLE Research Fellow
eRA COMMONS USER NAME	

EDUCATION/TRAINING (<i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i>)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Faculdade de Medicina de Rio Preto, SP, Brazil	M.D.	1989-1994	Internal Medicine
Universidade de São Paulo, Ribeirão Preto, SP, Brazil	Residency	1995-1996	Internal Medicine
Faculdade de Medicina de Rio Preto, SP, Brazil	Residency	1997-1998	Endocrinology & Metabolism
Hospital das Clinicas-USP, Sao Paulo, Brazil	Ph.D.	1999-2003	Endocrinology
Institute of Child Health, Biochemistry Endocrinology and Metabolism Unit, London, UK	Fellowship	2001-2002	Endocrinology
Centre Genome of Research –CGR Edinburgh, UK	Fellowship	2002	Developmental Biology
University of Michigan Dept. of Human Genetics	Research Fellow	2005-present	Human Genetics

Please refer to the application instructions in order to complete sections A, B, and C of the Biographical Sketch.

SCIENTIFIC ACTIVITIES:

August 2005: Organizer for the 1st Symposium of Diagnoses and Treatment in Patients with Short Stature due to Growth Hormone Deficiency, Sao Paulo, SP, Brazil.

Planning for 2006: Organizer for the “ Symposium of Approach in Patients with Short Stature due to Genetics Defects”, Ann Arbor, Michigan, USA.

HONORS AND AWARDS:

TRAVEL GRANT AWARD, Endocrine Society, San Francisco, June, 2002

SLEP AWARD, Sociedade Latino americana de Endocrinologia Pediátrica – Punta Del Leste, October, 2002

Best poster in the 1st simposium *AVANÇOS EM PESQUISAS MÉDICAS DOS LABORATÓRIOS DE INVESTIGAÇÃO MÉDICA HC-FMUSP* 21 and 22 of March 2003

BIBLIOGRAPHY:***Journals***

- 1- **Carvalho LR**, Mimura LY, Arnhold IJ, Mendonca BB. Premature Thelarche In Girls After Growth Hormone Therapy. **J. Pediatrics**, **March 2001**; 138: 448.
- 2- **Carvalho, L.R.S.**, Mendonça, B. B., Mericq, V., Marcondes, J. A. M., Vieira, T. C. A., Knoepfelmacher, M., Kok, F., Arnhold, I. J. P. Absence Of Mutations In HESX1 Gene In Patients With Growth Hormone Deficiency Associated With Midline Defects Cerebral And/Or Facial. *Pediatric Endocrinology*, 2001, Montreal. **Pediatric Research**, **2001**. v.49. p.33A
- 3- Claudia da Costa Leite, Maria Teresa Carvalho de Lacerda, Maria Olívia Rodrigues da Costa, Edson Amaro Júnior, Alessandra Sato, Vanessa Quintas Passos, Maria Adelaide Albergaria Pereira, **Luciani Renata Silveira de Carvalho**. Duplicação da hipófise e da haste hipofisária: relato de um caso e revisão da

literatura. [Pituitary stalk and anterior pituitary lobe duplication: Case report and Literature review] **Radiol Bras, Jun 2001**, vol.34, no.3, p.171-173.

- 4- **Carvalho, L.R.S**, Maria G.F. Osório, Lídia Y. Mimura, Vivian Estefan, Berenice B. Mendonça, Ivo J.P. Arnhold. Telarca Reversível Espontaneamente Em Meninas Pré-Púberes Durante O Tratamento Com Hormônio De Crescimento Recombinante Humano.[Spontaneous Reversible Thelarche In Pre-pubertal Girls During Recombinant Human Growth Hormone Therapy]. **Arquivos Brasileiros de Endocrinologia e Metabologia**. , 2001, v.45, n.6.
- 5- Marui, S.,Souza, S. L. C., **Carvalho, L.R.S.**, Jorge, A. A. L., Mendonça, B. B., Arnhold I.J.P. Bases Genéticas Dos Distúrbios De Crescimento. [Genetic Basis of Growth Disturbs] **Arquivos Brasileiros de Endocrinologia e Metabologia**, 2002, v.46, n.4.
- 6- **Carvalho LR**, Woods KS, Mendonca BB, Marcal N, Zamparini AL, Stifani S, Brickman JM, Arnhold IJ, Dattani MT. A homozygous mutation in *HESX1* is associated with evolving hypopituitarism due to impaired repressor-corepressor interaction. **J Clin Invest**. 2003 Oct;112(8):1192-201.
- 7- **Carvalho LR**, Faria MEJ, Osorio MGF, Estefan V, Jorge AAL, Arnhold IJP, Mendonça BB. Acromegalic Features Noted After Long Term GH Treatment. **Clinical endocrinology**, 2003, 59 788-792.
- 8- **Carvalho LR**, Faria ME, Mendonça BB. Craniofacial Features With Growth Hormone Treatment. **J Pediatr**. 2005 Feb;146(2):295; author reply 295-6.
- 9- Alexander A.L. Jorge, Frederico G. Marchisotti, Luciana R. Montenegro, **Luciani R. Carvalho**, Berenice B. Mendonca, Ivo J.P. Arnhold. Growth hormone (GH) pharmacogenetics: influence of GH receptor exon 3 retention or deletion on first-year growth response and final height in patients with severe GH deficiency. **J Clin Endocrinol Metab** [in press].

Book Chapter

MARUI, Suemi ; **CARVALHO, Luciani Renata Silveira de** ; ARNHOLD, Ivo J P ; MENDONÇA, Berenice B . Aspectos Moleculares do Desenvolvimento da Região Hipotálamo-Hipofisária. [Molecular Aspects of Pituitary-Hypothalamo Region Development] IN: Cukiert A, Liberman B, eds. Neuroendocrinologia clínica e cirúrgica. São Paulo: Lemos Editorial; 2002, pg, 81-91.

Research Support Ongoing or Completed During the Last 3 Years

FAPESP Foundation of Support to the Research of the State of São Paulo	1999-2003
<i>Analysis of HESX1 gene in patients with hypopituitarism with or without medline defect.</i>	\$41,766
FAPESP Foundation of Support to the Research of the State of São Paulo	2001-2005
<i>Molecular diagnosis of alterations in GHRH-GH-IGF1 axis in patients with short stature.</i>	\$250,000

Principal Investigator/Program Director (Last, First, Middle):