

TAKAKO ARAKI, M.D.

CLINICAL AND REASERCH EXPERIENCES

CEDARS-SINAI MEDICAL CENTER, Los Angeles, California <i>Endocrinology & Metabolism, Faculty Staff Physician</i>	10/2015 – present
CEDARS-SINAI MEDICAL CENTER, Los Angeles, California <i>Advanced Endocrinology & Metabolism, Clinical Fellow (academic track)</i>	10/2014 – 9/2015
CEDARS-SINAI MEDICAL CENTER, Los Angeles, California <i>Endocrinology & Metabolism, Postdoctoral Research Fellow</i>	8/2011 – 8/2014
BETH ISRAEL MEDICAL CENTER, New York, New York <i>Endocrinology & Metabolism, Clinical Fellow</i>	7/2009 – 6/2011
BETH ISRAEL MEDICAL CENTER, New York, New York <i>Endocrinology & Metabolism, Research Fellow</i>	7/2008 – 6/2009
BETH ISRAEL MEDICAL CENTER, New York, New York <i>Internal Medicine, Residency</i>	7/2005 – 6/2008
THE TOKIO MARINE MEDICAL SERVICE CO., LTD, Tokyo, Japan <i>Assistant Medical Officer</i>	2/2003 – 5/2005
TOKYO METROPOLITAN GERONTOLOGY MEDICAL CENTER, Tokyo, Japan <i>Internal Medicine Advanced Residency</i>	6/2002 – 1/2003
MUSASHINO RED CROSS HOSPITAL, Tokyo, Japan <i>Internal Medicine/Emergency Medicine Residency</i>	4/2000 – 3/2002

DEGREE/EDUCATION

NAGASAKI UNIVERSITY SCHOOL OF MEDICINE, Nagasaki, Japan
Doctor of Medicine (MD), 2000

KYUSHU UNIVERSITY, Fukuoka-ken, Japan
Bachelor of Agricultural Economics, 1993

LICENSE/BOARD

Board Certified Physician, American Board of Endocrinology and Metabolism
10/2011 valid through 2021

Board Certified Physician, American Board of Internal Medicine

8/25/2008 valid through 12/31/2018

Board Certified Physician, Japanese Board of Internal Medicine

10/20/2010 permanent

National Licensed Physician, Ministry of Health, Labor and Welfare, Japan

4/28/2000 permanent

PUBLICATIONS

Ning-Ai Liu* **Takako Araki*** (co-first), Daniel Cuevas-Ramos, Jiang Hong, Anat Ben-Shlomo, Yukiko Tone, Masahide Tone, Shomo Melmed

Cyclin E-mediated human proopiomelanocortin regulation as a therapeutic target for Cushing disease.

Journal of Clinical Endocrinology and Metabolism. 2015 Jul;100(7):2557-64

Xiaohai Liu, Maya Kano, **Takako Araki**, Odelia Cooper, Hidenori Fukuoka, Yukiko Tone, Masahide Tone, Shlomo Melmed

ErbB receptor-driven prolactinomas respond to targeted lapatinib treatment

Endocrinology. Jan 2015; 156(1): 71-79

So-Young Kim, Vanessa Sy, **Takako Araki**, Nicole Babushkin, Diana Huang, Doris Tan, Emilia Liao, George Liu, Stephen Wan, Leonid Poretsky, Donna Seto-Young

Total Adiponectin, but not Inflammatory Markers CRP, TNF- α , IL-6 and MCP-1, Correlates with Increasing Glucose Intolerance in Pregnant Chinese-Americans.

Journal of Diabetes, 2014 Jul; 6(4) : 360-308

Bianca Alfonso, **Takako Araki**, Barnett Zumoff

Is There Visceral Adipose Tissue (VAT) Intracellular Hypercortisolism in Human Obesity?

Hormone and Metabolic Research, 2013, May; 45(5):329-31.

Takako Araki, Rony Abdallah, Zev Rosenwaks, Leonid Poretsky

Achieving a successful pregnancy in women with PCOS

Endocrinology and Metabolism Clinics of North America, 2011 Dec; 40(4):865-94

Takako Araki, Michael F. Holick, Bianca D. Alfonso, Esti Charlap, Carla M. Romero, Dahlia Rizk, Lisa G. Newman.

Vitamin D Intoxication with severe hypercalcemia due to Manufacturing and Labeling Errors of Two Dietary Supplements Made in the United States

Journal of Clinical Endocrinology and Metabolism, 2011 Dec; 96(12):3603-8

Takako Araki, Miroslava Varadinova, Michael Goldman, Zev Rosenwaks, Leonid Poretsky, Donna Seto-Young

Rosiglitazone and Pioglitazone Alter Aromatase Kinetic Properties in Human Granulosa Cells
PPAR Research, 2011 Dec 19, 926438

Takako Araki

A case of hypophosphatemia due to tumor induced osteomalasia
EndoTrends, Volume 18, Issue 1, page 9-10, 2011

Donna Seto-Young, Dimiter Avtanski, Grishma Parikh, Marina Strizhevsky, Pauline Suwandhi, **Takako Araki**, Zev Rosenwaks, Leonid Poretsky
Rosiglitazone and Pioglitazone Inhibit Estrogen Synthesis in Human Granulosa Cells by Interfering with Androgen Binding to Aromatase / TZD effect on estrogen and aromatase
Hormone and Metabolic Research 43(4):250-6, 2011

Grishma Parikh, Miroslava Varadinova, Pauline Swandhi, **Takako Araki**, Zev Rosenwaks, Leonid Poretsky, Donna Seto-Young
Vitamin D regulates steroidogenesis and insulin-like growth factor binding protein-1 (IGFBP-1) production in human ovarian cells.
Hormone and Metabolic Research 42: 754-757, 2010

Michael A Via, Himani Chandra, **Takako Araki**, Matthew V Potenza, Maria Skamagas
Bromocriptine Approved as the First Medication to Target Dopamine Activity to Improve Glycemic Control in Patients with Type 2 Diabetes
Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, Dove Medical Press, March, 1-6, 2010

Takako Araki, Naoko Amemiya, Naohito Tanaka, Osamu Tao, Mafuyu Takahashi, Shuzo Watabiki
Case Report: Acute Transverse Myelitis
The Journal of Musashino Clinician's Association. Volume 8 (2) pages 51-55 March 2002

ABSTRACTS / PRESENTATIONS

Takako Araki, Wendy Sacks
A case of aggressive multi-mutated thyroid cancer and Vemurafenib resistance
February 12 2015, Thyroid Tumor Board, Cedars-Sinai Medical Center

Takako Araki (oral presentation), Ning-Ai Liu, Yukiko Tone, Daniel Cuevas-Ramos, Anat Ben-Shlomo, Song-Guang Ren, Jiang Hong, Roy Heltsley, Masahide Tone, Shlomo Melmed
E2F1-mediated human proopiomelanocortin gene expression: a Cushing's disease therapeutic target
June 21 2014, Seventh Annual Friedman Fellow's Symposium, ADA74th Scientific Session, San Francisco

Takako Araki, Ning-Ai Liu, Yukiko Tone, Daniel Cuevas-Ramos, Anat Ben-Shlomo, Song-Guang Ren, Jiang Hong, Roy Heltsley, Masahide Tone, Shlomo Melmed

E2F1-mediated human proopiomelanocortin gene expression: a Cushing's disease therapeutic target

May 29 2014, SOCCI Fifth Annual Cancer Institute Research Day, Cedars-Sinai Medical Center, Los Angeles

Takako Araki (oral presentation), Ning-Ai Liu, Yukiko Tone, Daniel Cuevas-Ramos, Anat Ben-Shlomo, Song-Guang Ren, Jiang Hong, Roy Heltsley, Masahide Tone, Shlomo Melmed
E2F1-mediated human proopiomelanocortin gene expression: a Cushing's disease therapeutic target

March 17, 2014 Endocrine Research Seminar, Cedars-Sinai Medical Center, Los Angeles

Takako Araki, Ning-Ai Liu, Yukiko Tone, Daniel Cuevas-Ramos, Anat Ben-Shlomo, Song-Guang Ren, Jiang Hong, Roy Heltsley, Masahide Tone, Shlomo Melmed

Selective cyclin E suppression leads to POMC gene regulation ~A novel cell target for Cushing **Disease therapy**~, *Cedars-Sinai Research Day V, Los Angeles January 2014*

Takako Araki (oral presentation), Roy Heltsley, Hidenori Fukuoka, Song-Guang Ren, Yukiko Tone, Masahide Tone, Shlomo Melmed

Epidermal growth factor receptor (EGFR) as a therapeutic target for Cushing's disease ~ *Generating transgenic mice models*~, **November 17, 2012 Fifth Friedman Fellows' Symposium, New York**

Takako Araki, Bianca Alfonso, Emilia Liao

Case Series - Hemichorea-Hemiballismus in Diabetes Mellitus, and a Literature Review
(Abstract # 851253) The Endocrine Society 93rd Annual Meeting, Boston June 2011

Florence Myint, **Takako Araki**, Bianca Alfonso, Fumiko Dekio, Aida Saliby

Ectopic ACTH Syndrome, Discrepancy of ACTH Levels, and a literature review
(Abstract # 851284) The Endocrine Society 93rd Annual Meeting, Boston June 2011

Bianca Alfonso, Rachel Bier, **Takako Araki**, Agustin Busta

A Patient with Kallman Syndrome and a Rare Craniofacial Defect and a literature review
(Abstract # 851277) The Endocrine Society 93rd Annual Meeting, Boston June 2011

Bianca Alfonso, **Takako Araki**, Agustin Busta

Hypermagnesemia-Induced Hypocalcemia and the Effects on Parathyroid Hormone: Case Report and a Literature Review
(Abstract # 851300) The Endocrine Society 93rd Annual Meeting, Boston June 2011

Bianca Alfonso, Boris Medvedovski, Dina Rapoport, **Takako Araki**, Alan Dubrow, Leonid Poretsky
Hyperosmolar state and Rhabdomyolysis – Case Report and a Literature Review

(Abstract # 850911) The Endocrine Society 93rd Annual Meeting, Boston June 2011

Takako Araki, Fumiko Dekio, Takanori Ushiba, Vanessa Sy, Barnett Zumoff

A case of MEN type 1, the diagnostic challenges of Insulinoma, and a Literature Review
(Abstract #?) 2011 American Association of Clinical Endocrinologists Meeting, San Diego June 2011

Takako Araki, Bianca Alfonso, Michael Holick, Lisa Newman

Vitamin D Intoxication due to Manufacturing and Labeling Errors of a Dietary Supplement: A case Report (P2-203); *The Endocrine Society 92nd Annual Meeting, San Diego June 2010*

Takako Araki, Anne Ruminjo, Alina Gouller

Electroconvulsive therapy-induced thyroiditis? (P1-610); *The Endocrine Society 92nd Annual Meeting, San Diego June 2010*

Takako Araki, Prajesh Joshi, Alina Gouller

Carcinoid heart disease due to a primary ovarian carcinoid tumor (P3-102); *The Endocrine Society 92nd Annual Meeting, San Diego June 2010*

Takako Araki, Bianca Alfonso, Esti Chrlap, Dahlia Rizk, Michael Holick, Lisa Newman

Vitamin D Intoxication due to Manufacturing and Labeling Errors of a Dietary Supplement: *A case Report; 8th Annual Research Fair, Beth Israel Medical Center, New York, May 6, 2010*

Takako Araki, Prajesh Joshi, Adrienne Fleckman

Adrenal Catastrophe: A Case Report of Bilateral Adrenal Hemorrhage in a Patient with Antiphospholipid Syndrome (No.71032, P15-8-1), *14th International Congress of Endocrinology, Kyoto, Japan March 2010*

Takako Araki, Bianca Alfonso, Agustin Busta

Non-Insulinoma Pancreatogenous Hypoglycemic Syndrome after Gastric Bypass Surgery (No.71146, P2-12-5), *14th International Congress of Endocrinology, Kyoto, Japan March 2010*

Takako Araki, Michael Goldman, Miroslava Varadinova, Prajesh Joshi, Antoine Chaanine, Amit Seth, Yun Feng, Zev Rosenwaks, Leonid Poretsky, Donna Seto-Young

The Effects of Thiazolidinediones (TZD) on Aromatase Enzyme Kinetics in Human Granulosa Cells, *The Endocrine Society 91st Annual Meeting, Washington D.C, USA. June 2009*

Takako Araki, Michael Goldman, Miroslava Varadinova, Prajesh Joshi, Antoine Chaanine, Amit Seth, Yun Feng, Zev Rosenwaks, Leonid Poretsky, Donna Seto-Young

The Effects of Thiazolidinediones on Aromatase Enzyme Kinetics in Human Granulosa Cells, 7th Annual Research Fair, Beth Israel Medical Center, New York, May 7, 2009.

Takako Araki (oral presentation), Dimiter Avtanski, Grishma Parikh, Micheal Goldman, Zev Rosenwaks, Leonid Poretsky, Donna Seto-Young Thiazolidinediones Inhibit Aromatase Activity in Human Granulosa Cells by Interfering with Androgen Binding to Aromatase, *First Annual Gerald J. Friedman Fellows Symposium, New York, USA. November 2008*

Dimiter Avtanski, Marina Strizhevsky, Grishma Parikh, **Takako Araki**, Orli Rosen, Michael Goldman, Charalambos Demetri, Donna Seto-Young, Leonid Poretsky Thiazolidinediones effect on Aromatase Activity in Human Granulosa Cells, *The Endocrine Society 89th Annual Meeting, Toronto, Canada. June 2007*

BOOK CHAPTER

Makito Yaegashi, Ryoma Tanaka, Mayuko Fukunaga, Hiroshi Sekiguchi, Toshibumi Taniguchi, **Takako Araki**, Daisuke Takekoshi, Naohiro Imai, Miwa Fujiwara
Pulmonary/ Respiratory Therapy Secrets-Japanese Version, November 2007

Takako Araki (as co-author), Iji-shinpo-sha publishing, Tokyo, Japan
*Section: Endocrinology Fellowship Training in United States
Passport to Clinical Training in USA Second Edition 2013*

Ad HOC REVIEWER FOR

Pituitary (The Pituitary Society official journal)

Honors/SCHOLARSHIPS

2015 **Clinical Scholar** Cedars-Sinai Medical Center

2013 **National Institutes of Health (NIH) T32 Training Grant (Melmed PI)**

2011 **Clinical and Translational Science Institute (CTSI) Core Funding
National Center for Advancing Translational Sciences**, Grant UL1TR000124
Cedars Sinai Medical Center, October 2011

2011 **Third prize award**
Achieving a successful pregnancy in women with PCOS
Beth Israel Medical Center Alumni Essay Contest in May 2011

2010 **NIH Preceptorship Scholar**
The Endocrine Fellows Foundation (EFF)

2010 **Travel Grants from Endocrine Society** for the 8th Osteoporosis Update Fellows Meeting

2010 **Clinical Fellows Travel Grants from Amgen**
The Endocrine Society 92nd Annual Meeting

2010 **Outstanding Abstract Award**
The Endocrine Society 92nd Annual Meeting

2009 **First Prize (7th Annual Research Fair-Beth Israel Medical Center)**
Awarded from American Federation for Medical Research (AFMR)
7th Annual Research Fair, Beth Israel Medical Center, New York, May 7, 2009

2008 **Friedman Research Fellowship**
Friedman Foundation, NY, USA

2008 **Mitsui Awards and Scholarship for excellence for Young Japanese Physicians in the USA**,
Japanese Medical Society of America, NY, USA

2008 **JANAMEF Excellent Japanese Young Physician Awards and Scholarship**
Japan-North America Medical Exchange Foundation, Tokyo, Japan

2008 **N Program Scholarship Award**
Tokio Marine Foundation, Tokyo, Japan

1999 **Scholarship for Externship and Study Tour to New Castle University, UK**
Japan Medical Education Foundation, Tokyo, Japan

1996-2000 **Scholarship for Medical School for Medical Student at National State Medical School,**
Japan Student Services Organization, Tokyo, Japan

ADMINISTRATION

International Committee, American Association of Clinical Endocrinologists (AACE)
2011-2012