

**77th Annual Meeting of the American Thyroid Association
Sheraton Wild Horse Pass Resort & Spa
Phoenix, Arizona
October 11-15, 2006**

Goals

The aim of The American Thyroid Association is to draw the widest possible international community of thyroid specialists together at the annual meeting in order to share the newest concepts in diagnosis, clinical management and research findings in thyroid disease.

The American Thyroid Association Annual Meeting is designed for the worldwide community of endocrinologists, other physicians and health care professionals, and scientists who wish to broaden and update their knowledge of the thyroid gland and its disorders.

The ATA provides outstanding leadership in thyroidology by promoting excellence and innovation in clinical care, research, education, and public advocacy.

The 77th Annual Meeting of The American Thyroid Association is Jointly Sponsored by The American Thyroid Association and The University of Texas M.D. Anderson Cancer Center.

Accreditation/Credit Designation:

This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education through the joint sponsorship of The University of Texas M. D. Anderson Cancer Center and The American Thyroid Association, Inc. The University of Texas M. D. Anderson Cancer Center is accredited by the ACCME to provide continuing medical education for physicians.

The University of Texas M. D. Anderson Cancer Center designates this educational activity for a maximum of 32.50 *AMA PRA Category 1 Credits™* toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity. The American Medical Association has determined that physicians not licensed in the US who participate in this CME activity are eligible for AMA PRA category 1 credit.

Evaluation:

A course evaluation form will provide participants with the opportunity to review each session and speaker, to identify future educational needs, and to comment on any perceived commercial bias in the presentations.

CME Notices

The University of Texas M. D. Anderson Cancer Center has implemented a process whereby everyone who is in a position to control the content of an educational activity must disclose all relevant financial relationships with any commercial interest that could potentially affect the information presented. Agendas are subject to change because we are always striving to improve the quality of your educational experience. The American Thyroid Association and M. D. Anderson may as needed substitute faculty with comparable expertise in the event of illness, scheduling conflicts, or other such reasons. Audio taping or videotaping is prohibited.

Target Audience:

This meeting is designed for the worldwide community of thyroid specialists: endocrinologists, surgeons, basic scientists, nuclear medicine scientists, pathologists, endocrine nurses, and other health care professionals who wish to broaden and update their knowledge of the thyroid gland and its disorders.

Educational Design:

The ATA Annual Meeting features interactive sessions discussing oral and poster abstracts, innovative talks on cutting-edge topics, case studies, “meet the professor” workshops, panel discussions and a great balance between basic science and clinical topics. The Annual Meeting is known for its state-of-the-art information, unparalleled networking opportunities, and warm collegiality.

Educational objectives:

1. Describe state-of-the art findings on the mechanisms, prevention, diagnosis, and management of thyroid disease and thyroid cancer
2. Recognize the impact of health policy, environmental factors, and non-thyroidal conditions on thyroid disease and thyroid cancer
3. Incorporate new treatment options for thyroid disease and thyroid cancer in patient care
4. Identify and increase your opportunities for networking and collaboration with other professionals in furthering research in the fields of thyroid disease, thyroid cancer and patient care.

Support of the Annual meeting

The University of Texas M. D. Anderson Cancer Center and the American Thyroid Association acknowledge educational grants from Abbott Laboratories, Genzyme, Inc., King Pharmaceuticals, Inc., Astra Zeneca, Amgen and Kronus, Inc. In-kind contributions from SmartSound Ultrasound, Inc., Shimadzu Medical Systems, USA and Toshiba Ultrasound are also appreciated in support of this program.

Wednesday, October 11, 2006

**77th Annual Meeting of the American Thyroid Association
Sheraton Wild Horse Pass Resort & Spa
Phoenix, Arizona
October 11-15, 2006**

6:45 am – 8:00 am Coyote/Buzzard/Eagle
Endocrine Fellows Day Breakfast

8:00 – 4:00 pm Akimel O'otham 3
Endocrine Fellows Day
Chair: E. Chester Ridgway

7:30 am – 1:00 pm Pointe South Mountain
ATA Executive Council Meeting

10:00 am – 7:00 pm Thunder One Pre-function
Meeting Registration Open

11:00 am – 1:00 pm Pointe South Mountain
ATA Committee Meetings

11:00 am – 5:00 pm Quail
Ruth Volpé Hospitality Suite – open daily throughout the meeting

1:00 – 5:00 pm Room noted on ticket

Advanced Ultrasound Symposium and Practicum (*ticket required*)

Lymph node metastases: Does it matter?	Steven Sherman
US surveillance for detection of metastatic lymph nodes	Susan Mandel
Parathyroid ultrasound	Dan Duick
On site FNA cytology evaluation	Nicole Massoll

2:00 – 7:00 pm Pipai Kave

Exhibit Hall Open

ATA website and members-only demonstration
All ATA meeting attendees: Check your email

4:30 pm – 6:00 pm Ant *Supported by educational grants from Abbott Laboratories and Genzyme, Inc.*

ATA Fellows Track Welcome and Introductions
Chairs: Michael McDermott and Stephanie Fish

6:30 pm Roadrunner
Academy of Clinical Thyroidologists (ACT) Meeting

77th Annual Meeting of the American Thyroid Association

ATA Welcome Receptions

Supported by Kronus, Inc.

5:00 – 6:00 pm Coyote/Buzzard
Women in Thyroidology Welcome Reception and Meeting

6:00 – 7:00 pm Coyote/Buzzard
Newcomers and Fellows Welcome Reception

7:00 – 8:30 pm Grand Terrace (exit by Akimel Foyer to Mesquite Terrace)
Welcome Reception for all meeting attendees and guests.

Music by ATA member, Joe DiStefano and company.

77th Annual Meeting of the American Thyroid Association
Sheraton Wild Horse Pass Resort & Spa
Phoenix, Arizona
October 11-15, 2006

Thursday, October 12, 2006

6:00 am – 6:00 pm Ant
ATA Fellows Track Room (See Fellows schedule posted daily)

6:00 am Akimel O’otham 1, 2
Breakfast

6:30 – 7:45 am Akimel O’otham 1, 2 *Supported by an educational grant from Amgen*

CME symposium

Frontiers in Thyroid Neoplasia: Identifying Novel Therapeutic Targets

Moderator: Steven Sherman

Insights from molecular pathways: potential pharmacologic therapy of benign nodules Ralf Paschke

Targeting nuclear receptors: RAR, RXR and PPAR Bryan Haugen

Lessons from Clinical Trials with Multikinase Inhibitors Alan M. Gewirtz

8:00 – 8:15 am Akimel O’otham 3, 4

Welcome and Introductions

Ernest L. Mazzaferri	ATA President
Gregory A. Brent	ATA Secretary
Susan J. Mandel	ATA Program Chair, Clinical Medicine
Antonio C. Bianco	ATA Program Chair, Basic Science

8:15 – 9:00 am Akimel O’otham 3, 4

Keynote

Genetic Defects Leading to Abnormal Thyroid Hormone Metabolism

Samuel Refetoff, MD

Professor of Medicine, Pediatrics and Genetics

University of Chicago

Chicago, Illinois

9:00 am – 4:30 pm Pipai Kave

Exhibit Hall Open

ATA website and members-only demonstration

All ATA meeting attendees: Check your email

9:00 – 10:00 am Akimel O’otham 3, 4

Plenary Session - Oral abstracts

Chairs: Antonio Bianco and Susan Mandel

Program Number 1 Thyroid Hormone Action Thursday Oral Basic 9:00 am

Clinical Implications of the Crystal Structure of Thyroxine–Binding Globulin

A. Zhou, B. B. Du, R. Carrell

Program Number 2 Thyroid Cancer Thursday Oral Clinical 9:15 am

Bortezomib in patients with metastatic differentiated thyroid cancer: preliminary results of a multicenter phase II study

J. D. Brierley, R. W. Tsang, B. S. Glisson, M. S. Kies, M. A. Kane, B. R. Haugen, D. R. Litofsky, S. I. Sherman for the Nat'l Thyroid Cancer Treatment Coop Study Group

Program Number 3 Thyroid Hormone Metabolism and Regulation Thursday Oral Basic 9:30 am

Abnormal thyroid hormone metabolism in mice lacking the monocarboxylate transporter 8

M. Trajkovic, T. J. Visser, J. Mittag, S. Jungk, S. Horn, J. Lukas, K. Bauer, H. Heuer

Program Number 4 Thyroid Nodules and Goiter Thursday Oral Clinical 9:45 am

High-intensity focused ultrasound (HIFU) treatment for thyroid nodules: first clinical study

O. Esnault, B. Franc, F. Ménégaux, A. Rouxel, E. De Kerviler, P. Bourrier, J. P. Monteil, J. Y. Chapelon, L. Leenhardt

10:00 – 10:30 am

Pipai Kave

Poster Session and Break

Akimel O'otham Foyer

Program Number 5 WITHDRAWN

Program Number 6 Autoimmunity Thursday Poster Basic

Expanding the *HLA-DRB1-DQA1* association with Graves' disease

M. J. Simmonds, J. M. Heward, J. Carr-Smith, J. A. Franklyn, S. C. L. Gough

Program Number 7 Autoimmunity Thursday Poster Basic

Regenerative potentials of the murine thyroid: accelerated recovery in the absence of CD24

Y. C. Chen, P. Caturegli

Program Number 8 Autoimmunity Thursday Poster Basic

Parvovirus B19 Infection is Associated with Hashimoto's Thyroiditis

J. Wang, W. Zhang, H. Liu, D. Wang, W. Wang, Y. Li, Z. Wang, P. Hu, W. Zhang, L. Wang, G. Huang

Program Number 9 Autoimmunity Thursday Poster Basic

Adipogenesis is Stimulated by Thyrotropin Receptor Autoantibodies and TSH in Graves' Orbital Preadipocytes

M. N. Stan, M. J. Coenen, R. S. Bahn

Program Number 10 Autoimmunity Thursday Poster Clinical

Comparison of different methods to determine DNase activity in thyroid autoimmunity

G. Kahaly

Program Number 11 WITHDRAWN

Program Number 12 Autoimmunity Thursday Poster Basic

Helicobacter Pylori Proteins and Thyroid Autoantigens Share Amino Acid Sequence Homology That Includes Motifs of Recognition for Hla Molecules and T-Cell Receptors

F. Guarneri, A. Alessi, F. Trimarchi, S. Benvenga

Program Number 13 Cell Biology Thursday Poster Basic

LMP2, a subunit of the immunoproteasome, mediates the Hürthle cell phenotype and hypothyroidism in interferon-gamma transgenic mice. A novel therapeutic target

H. Kimura, P. Caturegli

Program Number 14 Cell Biology Thursday Poster Basic
Synergistic stimulation of the human PDS/SLC26A4 promoter by PAX8 and TTF1
J. C. Solis-S, S. Schnyder, L. Chen, P. Kopp

Program Number 15 Cell Biology Thursday Poster Basic
Is the red blood cell a new target of TSH action? Evidence for the presence of a TSH effect on human erythrocytes Na/K-ATPase
S. Balzan, G. Nicolini, F. Forini, L. Sabatino, G. Iervasi

Program Number 16 Iodine Uptake and Metabolism Thursday Poster Basic
Repression of the human NIS upstream enhancer (hNUE) by PTTG and PBF
V. E. Smith, K. Boelaert, A. L. Stratford, S. R. James, T. Kogai, J. A. Franklyn, C. J. McCabe

Program Number 17 Iodine Uptake and Metabolism Thursday Poster Basic
188-Rhenium as an alternative to 131-Iodine for treatment of prostate cancer following tissue-specific sodium iodide symporter gene transfer
M. J. Willhauck, B. R. Sharif Samani, R. Senekowitsch-Schmidtke, B. Pfof, I. Wolf, F. J. Gildehaus, B. Göke, J. C. Morris, C. Spitzweg

Program Number 18 Iodine Uptake and Metabolism Thursday Poster Basic
MEK Signaling Modulates Sodium Iodide Symporter at Multiple Levels and in a Paradoxical Manner
D. D. Vadysirisack, A. Venkateswaran, Z. Zhang, S. M. Jhiang

Program Number 19 Iodine Uptake and Metabolism Thursday Poster Basic
Placental Iodine as a possible Reserve in Inadequate Dietary Iodine Intake
R. A. Burns, M. Higgins, D. Smith, P. Kelehan, C. O'Herlihy, P. Smyth

Program Number 20 Iodine Uptake and Metabolism Thursday Poster Clinical
Unusually Intense Breast Uptake of Radioiodine in a Non-Lactating Woman
M. I. Hu, S. G. Waguespack, N. J. Sarlis

Program Number 21 Thyroid and Development Thursday Poster Basic
Monocarboxylate transporter 8 (MCT8) represses proliferation of fetal embryonal NT2 and placental JEG-3 cells in vitro
S. R. James, C. J. McCabe, B. J. Reaves, V. E. Smith, S. Y. Chan, T. G. Barrett, M. D. Kilby, J. A. Franklyn

Program Number 22 Thyroid and Development Thursday Poster
Use of rainbow trout to study thyroid hormone receptor gene expression in very early stages of embryogenesis
J. F. Leatherland, J. C. Raine, M. Li

Program Number 23 Thyroid Cancer Thursday Poster Basic
MAPK and BRCA1 are activated by peroxisome proliferators-activated receptor gamma (PPAR γ) agonists in anaplastic thyroid cancer cell lines
T. Uruno, M. Wong, E. Kebebew, Q. Y. Duh, O. H. Clark

Program Number 24 Thyroid Cancer Thursday Poster Basic
Detection of circulating papillary thyroid carcinoma cells containing the BRAF V600E mutation
K. W. Cradic, D. Milosevic, J. L. Bates, A. Rosenberg, B. McIver, S. K. G. Grebe

Program Number 25 Thyroid Cancer Thursday Poster Clinical
Outdated and Missing: A Review of the Quality of Thyroid Cancer Information on the Internet
M. Air, S. Roman, H. Yeo, C. Maser, T. Trapasso, B. Kinder, J. A. Sosa

Program Number 26 Thyroid Cancer Thursday Poster Basic
Treatment with DNA Methylation Inhibitors Induce Differentiation but May Also Induce Expression of Genes Involved in Epithelial-Mesenchymal Transition
K. E. Jensen, A. Patel, M. Saji, A. Bauer, V. Vasko

Program Number 27 Thyroid Cancer Thursday Poster
A clinical study of 191 cases of malignant lymphoma of the thyroid gland
N. Watanabe, J. Y. Noh, Y. Kunii, K. Kameyama, T. Shimizu, K. Mukasa, F. Otsuka, A. Miyara, K. Tsuboi, G. Yoshino, A. Kubo, K. Ito, K. Ito

Program Number 28 Thyroid Cancer Thursday Poster Clinical
The role of postoperative radioiodine remnant ablation in the combined treatment of differentiated thyroid cancer (DTC)
J. Krajewska, A. Czarniecka, M. Jarzab, J. Roskosz, A. Kukulska, D. Handkiewicz-Junak, B. Jurecka-Lubieniecka, E. Gubala, B. Jarzab

Program Number 29 Thyroid Cancer Thursday Poster Clinical
Long term outcome of 444 patients with distant metastases from papillary and follicular thyroid carcinoma: benefits and limits of radioiodine therapy
C. Durante, N. Haddy, E. Baudin, S. Leboulleux, D. Hartl, J. P. Travagli, B. Caillou, M. Ricard, J. D. Lumbroso, F. De Vathaire, M. Schlumberger

Program Number 30 Thyroid Cancer Thursday Poster Basic
Microsatellite Instability in Thyroid Neoplasms
E. J. Mitmaker, C. Alvarado, L. R. Bégin, M. Trifiro

Program Number 31 Thyroid Cancer Thursday Poster Clinical
Evaluation of Selective Embolization of Thyroid Arteries (SETA) in treatment of selected thyroid tumors – own experience and perspectives
M. Dedecjus, J. Tazbir, Z. Kaurzel, M. Naze, G. Strozyk, A. Lewinski, J. Brzezinski

Program Number 32 Thyroid Cancer Thursday Poster Clinical
Undetectable serum thyroglobulin (Tg) in the first year after total thyroidectomy and radioactive iodine remnant ablation (RRA) can be used to risk stratify patients with differentiated thyroid cancer
G. Omry, R. J. Robbins, M. Brokchin, A. J. Martorella, S. M. Larson, R. M. Tuttle

Program Number 33 Thyroid Cancer Thursday Poster Basic
Role of the NFκB transcription factor in thyroid proliferation and malignancy
H. Mircescu

Program Number 34 Thyroid Cancer Thursday Poster Clinical
Percutaneous ethanol injection in cervical lymph node metastases in papillary thyroid carcinoma. Preliminary results
A. Heilo, K. Holgersen, K. Grøholt, E. Sigstad, T. Bjørø, L.H. Jørgensen

Program Number 35 Thyroid Cancer Thursday Poster Clinical
Insulin-resistance (IR) would be an important risk factor for the development of differentiated thyroid carcinoma (DTC)

J. Rezzonico, M. Rezzonico, E. Pusiol, F. Pitoia, H. Niepomnische

Program Number 36 Thyroid Cancer Thursday Poster Clinical
Mediastinal uptake of radioactive iodine in well differentiated thyroid carcinoma: metastasis or thymic uptake?

A. Granger-Vallée, A. Boucher, L. G. Ste-Marie, R. Chartrand

Program Number 37 Thyroid Cancer Thursday Poster Clinical
Impact of Lymphocytic Thyroiditis in the Treatment Outcome of Differentiated Thyroid Carcinoma

D. G. P. Villagelin, R. B. Santos, F. R. Chaves, J. H. Romaldini

Program Number 38 Thyroid Cancer Thursday Poster Clinical
A Comparison of Cervical UTZ and CT/MRI in the Detection of Recurrent Nodal Disease in Thyroglobulin Ab+ Patients with Papillary Thyroid Cancer (PTC)

S. Fatemi, C. Spencer, P. Singer, J. LoPresti

Program Number 39 Thyroid Cancer Thursday Poster Clinical
Hyperparathyroidism and Thyroid Cancer

I. B. Rosen

Program Number 40 Thyroid Cancer Thursday Poster Clinical
Increasing Incidence of Thyroid Cancer in São Paulo State, Brazil, 1981-2005

L. M. Z. Maciel, P. K. R. Magalhaes, A. L. Barone, E. G. Soares, R. H. Morais, J. Cherri, G. N. Simão

Program Number 41 Thyroid Cancer Thursday Poster Clinical
Thyroid FNA Diagnosis with Histological Correlation: an Institutional Perspective

A. Vijayvargiya, R. Udelsman, I. T. Ocal

Program Number 42 Thyroid Cancer Thursday Poster Clinical
Skin metastasis as the only de novo clinical presentation of widely metastatic sporadic medullary thyroid carcinoma (MTC)

L. Santarpiá, A. El-Naggar, S. R. Hymes, S. I. Sherman, G. G. Sayegh, N. J. Sarlis

Program Number 43 Thyroid Cancer Thursday Poster Basic
Characterization of papillary thyroid cancer using array comparative genomic hybridization

K. Puttaswamy, M. Samanta, K. Gold, A. Iqbal, M. S. Brose

Program Number 44 Thyroid Cancer Thursday Poster Clinical
Papillary Thyroid Cancer with Bilateral Cervical Metastases--a Twenty Years Experience

Q. H. Ji, L. Zhang, Y. X. Zhu

Program Number 45 Thyroid Cancer Thursday Poster Basic
Establishment of follicular carcinoma cell line from bone metastatic lesion in a pregnant patient

H. Kimura, K. Yamazaki, E. Yamada, K. Takano, K. Sato

Program Number 46 Thyroid Cancer Thursday Poster Clinical
Secondary Carcinoma of the Thyroids

P. Wang

Program Number 47 Thyroid Cancer Thursday Poster Clinical
Tumor-to-tumor metastasis from papillary thyroid carcinoma to bronchioloalveolar carcinoma: a case report
N. Lowy, R. Block-Posner, V. Peck

Program Number 48 Thyroid Cancer Thursday Poster Clinical
Papillary Thyroid Microcarcinoma With Metastatic Spread to Bone
G. G. Fareau, N. Busaidy

Program Number 49 Thyroid Cancer Thursday Poster Clinical
Metastatic follicular cancer of the thyroid heralded by the presence of normal appearing thyroid tissue in a skin tag
L. Mutter, P. S. Arora

Program Number 50 Thyroid Cancer Thursday Poster Basic
Differentiation of Malignant from Benign Thyroid Lesions by Measuring Plasma DNA Levels
A. F. Chen, E. A. Pribitkin, W. M. Keane, J. Rothstein

Program Number 51 Thyroid Diseases Thursday Poster Clinical
Sunitinib (Sutent®), a multitargeted angiogenesis inhibitor, can induce hypothyroidism in advanced cancer patients
E. Wong, L. S. Rosen, M. Mulay, A. VanVugt, M. Dinolfo, J. M. Hershman

Program Number 52 Thyroid Diseases Thursday Poster Clinical
TSH and T4 in the US Population NHANES 1999-2002 – Comparison with data from NHANES III (1988-1994)
J. G. Hollowell

Program Number 53 Thyroid Diseases Thursday Poster Clinical
Mild Thyroid Dysfunction Does Not Affect Short Term Surgical Outcomes after Coronary Artery Bypass Grafting
M. Skugor, M. Fleseriu, P. Seshabhattar, P. Raily

Program Number 54 Thyroid Diseases Thursday Poster Clinical
Valuable Features for Predicting the Remission of Graves Hyperthyroidism after Antithyroid Drug Treatment
X. J. Liu, B. Y. Shi, H. Li

Program Number 55 Thyroid Diseases Thursday Poster Clinical
Screening for thyroid dysfunction in early pregnancy applying newborn screening system using dried blood spot
N. Momotani, K. Sakurai, J. Hara, K. Suzuki, S. Iwama, K. Momotani, S. Sugihara

Program Number 56 Thyroid Diseases Thursday Poster Clinical
Hypothyroidism and Atherosclerosis --- Decrease of L-selectin expression in hypothyroidism may be one of cases of atherosclerosis
Y. Tsuchida, E. Murakami, N. Hiroi, M. Shimojo, H. Ueshiba, M. Higa, G. Yoshino

Program Number 57 Thyroid Diseases Thursday Poster Basic
A Pharmacokinetic Model for Once Per Week Dosing of Combined T4 and Polymeric T3 for Treatment of Primary Hypothyroidism
K. R. Latham, K. D. Burman, J. Jonklaas

Program Number 58 Thyroid Diseases Thursday Poster Clinical
Pseudo-TSHoma due to simultaneous Hashimoto's thyroiditis and abnormal T4 binding protein
R. S. Mitchell, C. Prosser, E. Raff, J. Ginsberg

Program Number 59 Thyroid Diseases Thursday Poster Basic
Mutation of Thyroid Hormone Receptor α Gene Causing Resistance to Thyroid Hormone- A Chinese Kindred Report
J. F. L. Y. S. J. L. LIU

Program Number 60 Thyroid Diseases Thursday Poster Clinical
Secondary Polycythemia due to Graves Hyperthyroidism: A Case Report
B. Y. Shi, J. F. Liu, X. J. Liu, Y. Wang

Program Number 61 Thyroid Diseases Thursday Poster Clinical
Assessment of the efficacy of 131I treatment of hyperthyroidism
C. Gagnon, J. M. Beauregard, J. Verreault, J. P. Baillargeon, D. Bellabarba, M. F. Langlois

Program Number 62 Thyroid Diseases Thursday Poster Clinical
Clinical Ethics Dilemmas in Thyroid Disease: Consent, Capacity and Competency
M. S. Rosenthal

Program Number 63 Thyroid Diseases Thursday Poster Clinical
Availability of thyroid autoantibody levels in Graves' disease patients referred for ophthalmic care
S. A. Lauer, R. Z. Silkiss, A. Hornblass

Program Number 64 Thyroid Diseases Thursday Poster Clinical
A Case of Cervical Bronchogenic Cyst Presenting as a Thyroid Tumor
Y. W. Koh, S. Y. Lee, S. W. Lee, H. S. Hong, H. K. Kim

Program Number 65 Thyroid Diseases Thursday Poster Clinical
A Case of Amiodarone Induced Thyrotoxicosis
A. V. Kurtev, A. Y. Kostova

Program Number 66 Thyroid Hormone Action Thursday Poster Basic
A TR β selective agonist confers resistance against diet-induced obesity
B. S. Amorim, L. E. Toriani, F. R. Freitas, C. H. Gouveia, A. Bianco, M. O. Ribeiro

Program Number 67 Thyroid Hormone Action Thursday Poster Basic
Thyroid Hormone Inhibits ERK Phosphorylation in Pressure Overload-Induced Hypertrophied Mouse Hearts
J. Suarez, W. H. Dillmann

Program Number 68 Thyroid Hormone Action Thursday Poster Clinical
Normal thyroid function and concentrations of serum lipids in a population study
B. O. Åsvold, L. J. Vatten, T. I. Nilsen, T. Bjørø

Program Number 69 Thyroid Hormone Action Thursday Poster Basic
Enhanced Proliferation of Human Adenosquamous and Small Cell Lung Carcinoma Cells Directed from the Cell Surface by Thyroid Hormone
L. S. Lansing, F. B. Davis, T. R. Keating, P. J. Davis, A. Hercbergs, H. Y. Tang, J. J. Bergh, S. A. Mousa, H. Y. Lin

Program Number 70 Thyroid Hormone Action Thursday Poster Basic
Transgenic Homozygous Mice harboring a Mutated Human TRbeta1 cDNA Maintain, Lose or Acquire Sexual Dimorphism in Locomotor Activities (LMA)
S. Benvenega, E. Itri, M. A. Pappalardo, L. DeTolla, S. F. Yu, P. Hauser, F. Trimarchi, A. Amato

Program Number 71 Thyroid Hormone Action Thursday Poster Clinical
Lipoprotein alterations, insulin sensitivity and hepatic lipase activity in subclinical hypothyroidism. Response to treatment with L-T4
G. Brenta, G. Berg, P. Arias, V. Zago, M. Schnitman, M. L. Muzzio, I. Sinay, L. Schreier

Program Number 72 Thyroid Hormone Action Thursday Poster Basic
Effect of thyroid hormone on TalphaT1 thyrotropic cells
V. D. Sarapura, J. M. Kerr, J. R. Mitchell, J. E. Klass, W. M. Wood, E. C. Ridgway

Program Number 73 Thyroid Hormone Metabolism and Regulation Thursday Poster Basic
Suppression of iodide uptake and thyroid hormone synthesis with stimulation of type I interferon system by double-stranded RNA (dsRNA) in cultured human thyroid follicles
K. Yamazaki, K. Suzuki, E. Yamada, T. Yamada, F. Takeshita, T. Seya, T. Obara, K. Takano, K. Sato

Program Number 74 Thyroid Hormone Metabolism and Regulation Thursday Poster Basic
The functions of Pit1 for the GATA2-dependent transactivation in the thyrotropin β promoter
S. Sasaki, Y. Kashiwabara, A. Matsushita, K. Nagayama, K. Ohba, H. Iwaki, H. Matsunaga, H. Misawa, K. Ishizuka, H. Nakamura

Program Number 75 Thyroid Hormone Metabolism and Regulation Thursday Poster Basic
Iopanoic Acid Inhibits Epidermal Proliferation by Interfering with T₄ to T₃ Conversion
J. D. Safer, K. Persons, M. F. Holick

Program Number 76 Thyroid Hormone Metabolism and Regulation Thursday Poster Basic
Thyroid hormone may influence lipid metabolism through transcriptional regulation of the LXRA gene
Y. J. Park, Y. Lee, S. Chua, D. D. Moore

Program Number 77 Thyroid Hormone Metabolism and Regulation Thursday Poster Basic
Thyroid Hormone Receptor Alpha1, Alpha2 and Beta1 Gene Expression in the Human Heart
L. Sabatino, E. Gliozheni, M. Nannipieri, F. Forini, G. Popoff, F. De Luca, F. Bigazzi, G. Iervasi

Program Number 78 Thyroid Hormone Metabolism and Regulation Thursday Poster Basic
Study of a Possible Association between Serum Levels of T4, T3 or TSH and the SNP S33P of the Monocarboxylate Transporter 8 (MCT8)
L. Domínguez-Gerpe, M. J. Iglesias-Fungueiro, O. Viéitez-Rodríguez, C. Areal-Méndez, A. Eiras-Martínez, E. San-José, J. Lado-Abeal

Program Number 79 Thyroid Hormone Metabolism and Regulation Thursday Poster Basic
Mathematical Modeling of the Hypothalamic-Pituitary-Thyroid Axis
M. C. Eisenberg, M. H. Samuels, J. J. DiStefano

Program Number 80 Thyroid Imaging Thursday Poster Clinical
Clinical Evaluation of Real-Time Tissue Elastography (RTE) for the Differential Diagnosis of Thyroid Follicular Lesions
N. Fukunari, K. Arai, A. Nakamura, T. Yamazaki

Program Number 81 Thyroid Imaging Thursday Poster Clinical
Thyroid carcinoma in Fluorodeoxyglucose whole body positron emission tomography (PET) positive thyroid "incidentalomas"
D. King, B. Stack, D. Bodenner

Program Number 82 Thyroid Imaging Thursday Poster Clinical
Feasibility of Simultaneous Display of Thyroid Function and Structure Images: Assemblage of Scintiscanning and Ultrasonography
M. Blum, M. Leone, M. E. Noz, J. Yee

Program Number 83 Thyroid Nodules and Goiter Thursday Poster Clinical
In the evaluation of a patient with a thyroid nodule, younger age and male sex independently increase the risk of thyroid cancer
L. Yassa, E. Marqusee, C. B. Benson, M. C. Frates, P. M. Doubilet, E. S. Cibas, V. Nosé, B. W. Kim, A. A. Gawande, F. D. Moore, P. R. Larsen, E. K. Alexander

Program Number 84 Thyroid Nodules and Goiter Thursday Poster Clinical
The Presence of Cytologic Atypia in Benign and Malignant Thyroid Fine Needle Aspirates
R. Redman, B. J. Yoder, N. A. Massoll

Program Number 85 Thyroid Nodules and Goiter Thursday Poster Clinical
Endemic goiter in Japan
S. Fukata, A. Hishinuma, H. Ohye, C. Tomoda, T. Ieiri, T. Uruno, A. Miyauchi, K. Kuma, N. Amino

Program Number 86 Thyroid Nodules and Goiter Thursday Poster Clinical
High precision echo-guided fine needle aspiration (FNA): a new "one shot" method
P. De Remigis, P. Ranieri, A. De Remigis, L. Vianale

10:30 am – Noon Akimel O'otham 3, 4
Thyroid Hormone Receptor: 20 years of Discovery *Dedicated to the memory of Jack H. Oppenheimer*

Moderator: Herbert H. Samuels

Ronald M. Evans, PhD
Professor/Investigator
The Salk Institute
LaJolla, California

Björn Vennström
Professor
Karolinska Institute
Stockholm, Sweden

Noon – 1:15 pm Pipai Kave
Poster Session and Lunch Akimel O'otham Foyer

Noon – 1:15 pm Ant
Fellows "Meet the Editors" Lunch

1:15 – 2:15 pm Check Ticket for Room Assignment
Thursday Meet the Professors Workshops (Concurrent)

Histopathology of aggressive thyroid cancer
Use and interpretation of PET scanning

Virginia LiVolsi
Sophie Leboulleux

Use of Lithium in treatment of Thyroid cancer	Jacqueline Jonklaas
Indeterminate FNA cytology	Nicole Massoll
Review of ATA Guidelines for thyroid nodules and cancer	David Cooper
BRAF Mutation in Thyroid Cancer: Clinical Implications	Mingzhao Xing
Apical iodide efflux via pendrin	Peter Kopp
A role for TRalpha 2 in thyroid hormone action	Ronald J. Koenig

2:15 – 3:45 pm Simultaneous Sessions - Oral Abstracts

Akimel O'otham 3, 4

CLINICAL

Thyroid Disease and Pregnancy

Chairs: Erik Alexander and Kathryn Schuff

Program Number 87 Thyroid Diseases Thursday Oral Clinical 2:15 pm
Antithyroid drug therapy for Graves' disease during pregnancy: mildest thyrotoxic maternal free thyroxine concentrations to avoid fetal hypothyroidism
N. Momotani, S. Iwama, J. Y. Noh, N. Ishikawa, K. Momotani, K. Ito, K. Ito

Program Number 88 Thyroid Diseases Thursday Oral Clinical 2:30 pm
Do Trends in the Distribution of Neonatal TSH Reflect Alterations in Maternal Dietary Iodine Intake in Pregnancy?
R. A. Burns, P. Mayne, D. Smith, M. Higgins, A. Staines, C. O'Herlihy, P. Smyth

Program Number 89 Thyroid Diseases Thursday Oral Clinical 2:45 pm
Evaluation of low TSH in early gestation
M. Kaklamanou, A. B. Parkes, I. L. Taylor, J. H. Lazarus

Program Number 90 Thyroid Cancer Thursday Oral Clinical 3:00 pm
Pregnancy is often associated with minor serum Tg elevations without structural evidence of new metastatic lesions in patients previously treated for differentiated thyroid cancer
R. Leboeuf, L. Emerick, A. J. Martorella, R. M. Tuttle

Program Number 91 Iodine Uptake and Metabolism Thursday Oral Clinical 3:15 pm
Effects of Perchlorate Exposure and Smoking on Breast Milk Iodine in Lactating Boston-Area Women
E. N. Pearce, A. Leung, B. C. Blount, H. R. Bazrafshan, X. He, S. Pino, L. Valentin-Blasini, L. E. Braverman

Program Number 92 Autoimmunity Thursday Oral Clinical 3:30 pm
Thyroid disease and pregnancy: Degrees of Knowledge
M. D. Rinaldi, A. Stagnaro-Green

Akimel O'otham 1, 2

BASIC

Thyroid Cell Biology and Cancer

Chairs: Jerome Hershman and Matthew Ringel

Program Number 93 Thyroid Cancer Thursday Oral Basic 2:15 pm

P53 Mutations Stimulate Galectin-3 Expression and Increase Proliferation of Anaplastic Thyroid Carcinoma Cell Lines

L. Lavra, A. Ulivieri, R. Dominici, M. Trovato, E. Brunetti, F. Frasca, S. Soddu, A. Bartolazzi, S. Sciacchitano

Program Number 94 Thyroid Cancer Thursday Oral Basic 2:30 pm

Estrogen promotes the growth of thyroid cancer cells via estrogen receptor alpha, activation of ERK and enhancement of Bcl-2

G. G. Chen, Q. Zeng, A. C. Vlantis, A. C. Van Hasselt

Program Number 95 Thyroid Cancer Thursday Oral Basic 2:45 pm

Acquired Resistance to a Rexinoid and TZD in the Anaplastic Thyroid Cancer Cell Line DRO Occurs in Part through Decreased PPAR γ Expression

J. P. Klopper, A. J. Berenz, B. R. Haugen

Program Number 96 Cell Biology Thursday Oral Basic 3:00 pm

Molecular mechanisms of genotoxic stress-induced MHC class I-related chain A and B expression in thyroid tumor cell lines

X. Xu, G. Rao, C. Solorzano, R. A. Prinz

Program Number 97 Thyroid Cancer Thursday Oral Basic 3:15 pm

Targeting p53PIK of PI 3-kinase regulatory subunit inhibits the proliferation of human thyroid cancer cells

X. Xia, A. Cheng, T. Fojo, P. Yen

Program Number 98 Thyroid Cancer Thursday Oral Basic 3:30 pm

Growth inhibitory effect of let-7 microRNA in papillary thyroid cancer cells

J. C. Ricarte-Filho, M. J. Da Silva, E. T. Kimura

3:45 – 4:15 pm

Pipai Kave

Poster Session and Break

Akimel O'otham Foyer

4:30 pm Pipai Kave

Exhibit Hall Close

4:15 – 5:00 pm Akimel O'otham 3, 4

Clark T. Sawin Historical Vignette

The Clark T. Sawin History Resource Center supports this historical lecture and memorializes the work of Dr. Sawin, who served as chair of the history and archives group for many years; as the presenter of the history vignette at ATA annual meetings from 1993 - 2003; and as president of the ATA 2003-2004.

“Uncharted Seas: The Life of Fuller Albright”

D. Lynn Loriaux, MD, PhD, FACP

Professor of Medicine

Chairman, Department of Medicine

Oregon Health Sciences University

Portland, Oregon

77th Annual Meeting of the American Thyroid Association

5:00 – 6:00 pm Akimel O'otham 1, 2
ATA Members Business Meeting

6:30 – 10:00 pm Buses leave from Kave Foyer - Conference Center Entrance
Social event – Barbeque under the Stars (ticket required)

77th Annual Meeting of the American Thyroid Association
Sheraton Wild Horse Pass Resort & Spa
Phoenix, Arizona
October 11-15, 2006

Friday, October 13, 2006

6:00 am – 6:00 pm Ant
ATA Fellows Track Room (See Fellows schedule posted daily)

6:00 am Akimel O'otham 1, 2
Breakfast

6:30 – 7:45 am Akimel O'otham 1, 2
CME symposium *Supported by an educational grant from Abbott Laboratories*

New Insights: Treatment Decisions for milder thyroid disease

Moderator: Susan Mandel

Subclinical Thyroid disease and Cognitive Function

Mary Samuels

Subclinical Thyroid Disease and Pregnancy: Evidence-based recommendations for the new guidelines

Leslie DeGroot

Is subclinical thyroid disease a cardiovascular risk factor?

Paul W. Ladenson

8:00 – 8:45 am Akimel O'otham 3, 4 *Supported by an educational grant from Quest Diagnostics, Inc.*

The Van Meter Award Lecture

Established in 1930, recognizes outstanding contributions to research on the thyroid gland or related subjects. The award is given each year to an investigator who is not older than the age of 45 in the year of the award. The Van Meter award winner is kept secret until the time of the award lecture during the annual meeting.

8:45 – 10:00 am **Simultaneous symposia**

Akimel O'otham 3, 4

Thyroid Disease: Bench to Bedside

Supported by an educational grant from Abbott

Moderator: Peter A. Singer

TSH Regulation

E. Chester Ridgway

Thyroid Ophthalmopathy

Rebecca Bahn

Thyroid Function Impact on Bone

Mone Zaidi

Akimel O'otham 1, 2

Thyroid and the Heart

Supported by an educational grant from King

Moderator: Donald St. Germain

Basic insights into thyroid hormone action in the heart

Wolfgang Dillmann

Thyroid hormone and cardiac myocyte hypertrophy

Carlin S. Long

Thyroid hormone and heart disease

Irwin Klein

9:00 am Pipai Kave

Exhibit Hall Open

ATA website and members-only demonstration

All ATA meeting attendees: Check your email

10:00 – 10:30 am

Pipai Kave

Poster Session and Break

Akimel O'otham Foyer

Program Number 99 Autoimmunity Friday Poster Basic

Expression of NF-kappaB in Hashimoto's thyroiditis and its correlation with vimentin expression

D. Wang, Z. Wang, J. Wang, W. Wang, W. Zhang, Y. Li, L. Wang, G. Huang

Program Number 100 Autoimmunity Friday Poster Basic

Association of PTPN22 haplotypes with Graves' disease

J. M. Heward, O. J. Brand, J. Barrett, J. Carr-Smith, J. A. Franklyn, S. C. L. Gough

Program Number 101

WITHDRAWN

Program Number 102 Autoimmunity Friday Poster Basic

Enhancement of the regulatory T cell proliferation by TRAIL

S. H. Wang, G. H. Chen, M. Van Antwerp, J. R. Baker Jr.

Program Number 103 Autoimmunity Friday Poster Clinical

Single nucleotide polymorphisms of immunoregulatory genes in thyroid and polyglandular autoimmunity

G. Kahaly

Program Number 104 Autoimmunity Friday Poster Clinical

Role of eye muscle antibody testing in the diagnosis of acute orbital myositis

B. Gopinath, J. Tani, N. Beard, R. M. Gan, J. Wall

Program Number 105 Autoimmunity Friday Poster Basic

Characterization of the Human Thyrotropin Receptor Promoter in Transfected Rat Thyroid FRT cells

K. K. Bhattacharyya, N. L. Eberhardt, R. S. Bahn

Program Number 106 Autoimmunity Friday Poster Basic

Iodine-induced thyroiditis in nonobese diabetic mice lacking Fcγ receptor III and Fc receptor γ-chain

H. Ozaki

Program Number 107 Cell Biology Friday Poster Basic

Formation of functional DEHAL1 complexes: implications for the pathogenesis of iodotyrosine deiodinase deficiency

J. C. Moreno, W. Klootwijk, D. Goudie, M. Polak, A. Grueters, T. J. Visser

Program Number 108 Cell Biology Friday Poster Basic

Tetraiodothyroacetic Acid (Tetrac) Inhibits Angiogenesis

S. A. Mousa, L. J. O'Connor, F. B. Davis, J. J. Bergh, P. J. Davis

Program Number 109 Cell Biology Friday Poster Basic
MCT8 expression is developmentally regulated in the rodent lung
T. P. Rich, T. W. Bastian, D. H. Ingbar, G. Anderson

Program Number 110 Iodine Uptake and Metabolism Friday Poster Basic
Iodine alters gene expression profile in the MCF-7 breast cancer cell line
F. R. Stoddard, K. Shah, G. Johannes, B. Eskin, A. Brooks

Program Number 111 Iodine Uptake and Metabolism Friday Poster Basic
Effect of systemic treatment with retinoic acid and dexamethasone on functional sodium iodide symporter expression in mouse breast cancer xenografts
M. J. Willhauck, B. R. Sharif Samani, R. Senekowitsch-Schmidtke, B. Göke, J. C. Morris, C. Spitzweg

Program Number 112 Iodine Uptake and Metabolism Friday Poster Basic
Differential gene expression analysis of iodine treated rat follicular cell
S. G. Leoni, P. A. Galante, J. C. M. Ricarte-Filho, E. T. Kimura

Program Number 113 Iodine Uptake and Metabolism Friday Poster Basic
Seaweed Surpasses the Thyroid in Iodide Uptake, Retention and Storage
C. Cloughley, E. Burbridge, S. Kraan, P. Smyth

Program Number 114 Iodine Uptake and Metabolism Friday Poster Clinical
The Impact on Serum Calcium of the Treatment of Hyperthyroidism (HT) with I-131
D. J. Stocker, J. S. Jurgens, A. L. Stack, H. B. Burch

Program Number 115 Thyroid and Development Friday Poster Basic
Regulation of the thyroid axis in developing *Xenopus laevis*
K. R. Thoemke, J. J. Korte, L. M. Korte, J. M. Olson, J. E. Tietge, S. J. Degitz

Program Number 116 Thyroid Cancer Friday Poster Basic
Pituitary tumor transforming gene (PTTG) stimulates thyroid cell proliferation via a VEGF/KDR/ID3 autocrine pathway
D. S. Kim, J. A. Franklyn, K. Boelaert, J. C. Watkinson, M. C. Eggo, C. J. McCabe

Program Number 117 Thyroid Cancer Friday Poster
Papillary Thyroid Cancers and the Innate Immune Response: Ret and Braf Induce Expression of Macrophage Chemoattractants in Vitro and in Vivo
M. Ryder, E. P. Smith, C. O. Mesa, T. J. Giordano, J. A. Knauf, J. A. Fagin

Program Number 118 Thyroid Cancer Friday Poster Clinical
Is FDG-PET Useful for Differential Diagnosis of Malignant Tumor in Patients with Thyroid Nodules with Cytologically Diagnosed Follicular Neoplasm?
T. Y. Kim, J. M. Kim, J. S. Ryu, G. Gong, S. J. Hong, Y. K. Shong

Program Number 119 Thyroid Cancer Friday Poster Basic
Heterogeneous BRAF Status in Multifocal Thyroid Carcinomas and in Their Corresponding Metastases
R. Giannini, C. Ugolini, C. Lupi, P. Miccoli, F. Basolo

Program Number 120 -- MOVED TO PROGRAM NUMBER 97

Program Number 121 Thyroid Cancer Friday Poster Clinical
KOC (K-Homology-Domain-Containing-Protein Overexpressed in Cancer) Expression in Thyroid Neoplasms

M. Slosar, M. Prasad, V. Poonam, M. Safran, K. L. Rock, A. Fischer, R. Quinlan, A. Khan

Program Number 122 Thyroid Cancer Friday Poster Clinical
Prognostic value of the 6th edition UICC TNM classification for differentiated thyroid carcinoma with extrathyroid extension

N. Wada, H. Nakayama, Y. Masudo, N. Suganuma, Y. Rino, M. Masuda, T. Imada

Program Number 123 Thyroid Cancer Friday Poster Clinical
Node Sampling in Thyroid Cancer

J. C. Furlan

Program Number 124 Thyroid Cancer Friday Poster Basic
The Proteasome Inhibitors Induce Apoptosis of Anaplastic Thyroid Cancer Cells

Y. Takiyama, N. Aoki, K. Ito, M. Haneda

Program Number 125 Thyroid Cancer Friday Poster Clinical
Diagnostic and Prognostic Implications of the I 131 Dose Selection in the First Post-Ablation Scan in Patients with Differentiated Thyroid Carcinoma: a Multicenter Survey

G. Melado, A. Mollerach, M. G. Repetto, C. Tajer, A. Lowenstein, C. Cabezon

Program Number 126 Thyroid Cancer Friday Poster Basic
Ras induces cell cycle dependent apoptosis with concomitant checkpoint activation

A. J. Fikaris, A. E. Lewis, A. Abulaiti, O. M. Tsygankova, J. L. Meinkoth

Program Number 127 Thyroid Cancer Friday Poster Clinical
Predictive factors for carcinoma in patients with follicular thyroid neoplasm

N. Besic, M. Seseck, J. Zgajnar, M. Hocevar

Program Number 128 Thyroid Cancer Friday Poster Clinical
Differentiated thyroid cancer presenting with metastatic disease: Clinical Management and Outcome

R. W. Tsang, E. Sampson, L. W. Le, L. Rotstein, J. D. Brierley

Program Number 129 Thyroid Cancer Friday Poster Clinical
Medullary Thyroid Carcinoma with Humoral Hypercalcemia of Malignancy: a Case Report

C. F. Yazbeck, G. G. Sayegh, S. I. Sherman, A. O. Hoff

Program Number 130 Thyroid Cancer Friday Poster Clinical
Papillary Thyroid Carcinoma (PTC) in Juvenile Patients: Age and Clinical Findings at Diagnosis as Predictors of Tumor Aggressiveness

V. C. Herzovich, S. Iorcansky, R. Rubio, G. Gallo

Program Number 131 Thyroid Cancer Friday Poster Basic
Evaluation of Somatostatin Receptor (SSTR) Response to Recombinant Human Thyroid Stimulating Hormone (rhTSH) in Select Thyroid Cancer Cell Lines

I. Robbins, Y. N. Vaishnav, J. Anderson, Y. Lukes, B. J. Reinhardt, S. G. Barnes, M. Ringel, M. Saji, C. H. B. Burch, L. V. J. Bernet

Program Number 132 Thyroid Cancer Friday Poster Clinical
Comparison of whole body scans (WBS) uptakes after the administration of therapeutic radioiodine doses in patients with metastatic thyroid cancer prepared firstly after thyroid hormone withdrawal and then by using rhTSH

F. Pitoia, E. El Tamer, M. E. Salvai, M. B. Zanchetta, H. Niepomnische

Program Number 133 Thyroid Cancer Friday Poster Clinical
Clinical Utility and Cost-Effectiveness of Intraoperative Frozen Section for Follicular Thyroid Neoplasms

M. C. Miller, C. Rubin, M. Cunnane, M. Bibbo, J. L. Miller, E. A. Pribitkin, W. M. Keane

Program Number 134 Thyroid Cancer Friday Poster Clinical
Evidence of Acute Pancreatitis on PET Imaging in a Patient with Poorly Differentiated Thyroid Cancer Treated with Rosiglitazone

H. L. Hofflich, A. Elias, P. Lizotte

Program Number 135 Thyroid Cancer Friday Poster Clinical
Long Term Follow up of Peripheral Thyroglobulin mRNA and Serum Thyroglobulin Concentrations after Radioiodine Ablation in Patients with Differentiated Thyroid Cancer

R. Possato, I. G. S. Rubio, M. Knobel, E. K. Tomimori, R. Y. A. Camargo, G. Medeiros-Neto

Program Number 136 Thyroid Cancer Friday Poster Clinical
Microcancer of the Thyroid Gland and Its Biological Behaviour

I. B. Rosen

Program Number 137 Thyroid Cancer Friday Poster Clinical
Familial Papillary Thyroid Carcinoma

Q. H. Ji, L. Zhang, Y. X. Zhu

Program Number 138 Thyroid Cancer Friday Poster Clinical
<21 Year-Old Papillary Thyroid Patients with Bilateral Cervical Metastases

L. Zhang, Q. H. Ji

Program Number 139 Thyroid Cancer Friday Poster Clinical
Expression and role of estrogen receptor beta in medullary thyroid carcinoma

M. Cho, M. K. Lee, C. S. Park, W. I. Yang, S. K. Lim, E. J. Lee

Program Number 140 Thyroid Cancer Friday Poster Basic
Medullary thyroid carcinoma with metastasis to the pituitary gland in a MEN2b patient: a case report

G. G. Sayegh, C. F. Yazbeck, L. Santarpia, D. B. Evans, P. M. Hoff, R. F. Gagel, A. O. Hoff

Program Number 141 Thyroid Cancer Friday Poster Clinical
Functional bone metastasis from follicular thyroid cancer

S. Hatori, I. Han, H. Murakami, M. Suzuki, M. Yamakawa, H. Iwasaki

Program Number 142 Thyroid Cancer Friday Poster Clinical
Fine-needle aspiration of the thyroid gland. twelve years experience

P. Grilli, C. D'Ercole, D. Vendettuoli, M. Vendettuoli, G. Di Rocco, D. Giannotti, S. Federici, A. Redler

Program Number 143 Thyroid Cancer Friday Poster Clinical

Exuberant fasciitis and papillary thyroid cancer

M. H. Nathan, M. Harvey, J. Kikut, R. A. Sofferman

Program Number 144 Thyroid Cancer Friday Poster Clinical

Adverse effect of long-term TSH suppression therapy in patients with differentiated thyroid cancer

H. Iwasaki, M. Yamakawa, I. Han, H. Murakami, S. Hatori, M. Suzuki, Y. Takanashi

Program Number 145 Thyroid Diseases Friday Poster

Influences of age, gender, smoking and family history on disease phenotype in autoimmune thyroid disease - a national UK study of 2805 subjects

N. Manji, J. Carr-Smith, K. Boelaert, A. Allahabadia, M. Armitage, K. Chatterjee, J. H. Lazarus, S. Pearce, B. Vaidya, S. C. L. Gough, J. A. Franklyn

Program Number 146 Thyroid Diseases Friday Poster Clinical

Chaos in the Calibrations of Analogue-Based Free T4 Assays

K. S. Fritz, R. B. Wilcox, J. C. Nelson

Program Number 147 Thyroid Diseases Friday Poster Clinical

Large Fetal Goiter in a Patient with Congenital Hypothyroidism is Associated with Intron Donor Site Mutation (g.IVS30+1G>T) of the Thyroglobulin Gene

V. Pardo, I. G. S. Rubio, M. Knobel, M. H. Oliveira, M. Moura, C. Rivolta, H. M. Targovnik, G. Medeiros-Neto

Program Number 148 Thyroid Diseases Friday Poster Basic

Pitfalls in the Development of Synthetic Thyrotropin Receptor Antagonists

S. Neumann, J. Childress, C. J. Thomas, H. Jaeschke, B. M. Raaka, M. C. Gershengorn

Program Number 149 Thyroid Diseases Friday Poster Clinical

Cardiovascular Risk with Sub clinical Hyper- and Hypothyroidism: A Meta-analysis

S. Singh, J. Duggal, J. Molnar, F. Maldonado, R. Arora

Program Number 150 Thyroid Diseases Friday Poster Clinical

Changes in thyroid function 3-5 weeks after ablation with radioactive iodine (I-131) for the treatment of hyperthyroidism

L. Mutter, P. S. Arora

Program Number 151 Thyroid Diseases Friday Poster Clinical

Thrombin Activatable Fibrinolysis Inhibitor Antigen Levels in Hyperthyroid Patients

B. Akinci, A. Comlekci, T. Demir, M. A. Ozcan, S. Yener, F. Yuksel, F. Bayraktar, S. Yesil

Program Number 152 Thyroid Diseases Friday Poster Clinical

Clinical aspects of Hashimoto's thyroiditis

K. Tsuboi, H. Ueshiba, R. Yuasa, M. Shimojo, N. Hiroi, M. Ishikawa, Y. Tsuchida, N. Watanabe, T. Ichijo, G. Yoshino

Program Number 153 Thyroid Diseases Friday Poster Basic

Companion animals may serve as sentinels of health risk – a review of thyroid diseases in three non-human species

C. H. Edinboro

Program Number 154 Thyroid Diseases Friday Poster Clinical
Prevalence TPO-Ab among patients with Amiodarone-induced
N. Kayumova, S. Ismailov, N. Abdusalamova

Program Number 155 Thyroid Diseases Friday Poster Clinical
Clinical and Laboratory Recovery of Resistant Hypothyroidism after H.Pylori Eradication: a Case Report
M. G. Taskale, A. B. Kumbasar, A. Soylu, G. Esin, N. Yasar

Program Number 156 Thyroid Diseases Friday Poster Clinical
A case of hyperthyroidism with severe diarrhea, chylous ascites and chylothorax
N. Hiroi, Y. Sakamoto, Y. Fukuda, S. Nakano, S. Usui, K. Tsuboi, G. Yoshino

Program Number 157 Thyroid Diseases Friday Poster Clinical
Hyperthyroidism and atrial myxoma – Carney complex or just chance?
G. Kumar, J. T. Chow, D. S. Dean

Program Number 158 Thyroid Diseases Friday Poster Clinical
Thyrotoxic Periodic Paralysis in a Hispanic Man
M. H. Horani, B. Majeed

Program Number 159 Thyroid Diseases Friday Poster Clinical
Variable hyperthyroxinemia and atrial fibrillation in a patient with a microadenoma
L. W. Greene, M. Leone

Program Number 160 Thyroid Hormone Action Friday Poster Clinical
Normal thyroid function and blood pressure: population study
B. O. Åsvold, T. Bjørø, T. I. Nilsen, L. J. Vatten

Program Number 161 Thyroid Hormone Action Friday Poster Basic
In vivo interaction of SRC-1 and the AF-2 Domain of the Thyroid Hormone Receptor β
M. Alonso, C. Goodwin, X. H. Liao, T. Ortiga-Carvalho, D. Machado, F. Wondisford, R. Weiss

Program Number 162 Thyroid Hormone Action Friday Poster Basic
Aneuploidy caused by the accumulation of the pituitary tumor-transformation gene induced by a mutant thyroid hormone β receptor
H. Ying, F. Furuya, L. Zhao, J. A. Hanover, S. Y. Cheng

Program Number 163 Thyroid Hormone Action Friday Poster Basic
Identification of a novel mutation in MCT8 and its effects on cellular T3 uptake
J. Jansen, E. C. Friesema, J. W. Jachtenberg, I. Soorani - Lusing, T. J. Visser

Program Number 164 WITHDRAWN

Program Number 165 Thyroid Hormone Action Friday Poster Basic
Using specific engineered ribozymes as molecular tools to target the mRNAs of co-regulators of thyroid hormone receptors in mammalian cell lines
T. Fayad, M. P. Provencher, M. Brunelle, F. D'Anjou, R. Day, J. P. Perreault, M. F. Langlois

Program Number 166 Thyroid Hormone Action Friday Poster Clinical

Severe Hypercalcemia in Thyrotoxicosis

H. L. Hofflich, B. Andersen

Program Number 167 Thyroid Hormone Metabolism and Regulation Friday Poster Basic

Human monocarboxylate transporter 10 does transport thyroid hormone

E. C. Friesema, J. W. Jachtenberg, J. Jansen, M. H. Kester, T. J. Visser

Program Number 168 Thyroid Hormone Metabolism and Regulation Friday Poster Basic

The Val174Ala polymorphism in the SLC01B1 gene is associated with serum thyroid parameters

W. M. Van der Deure, R. P. Peeters, F. J. De Jong, M. Breteler, T.J. Visser

Program Number 169 Thyroid Hormone Metabolism and Regulation Friday Poster Basic

Expression of the Type 2 Deiodinase in RMS-13 cells: a system for modeling the regulation and physiology of D2 in muscle

B. W. Kim, W. Da Silva, J. W. Harney, P. R. Larsen, A. Bianco

Program Number 170 Thyroid Hormone Metabolism and Regulation Friday Poster Clinical

Ethnic differences in thyroid tests during pregnancy

W. L. Roberts, S. L. La'ulu

Program Number 171 Thyroid Hormone Metabolism and Regulation Friday Poster Basic

Fenamic acid and indocyanine green inhibit organic anion transporting polypeptide 1c1 (Oatp1c1) mediated thyroxine transport

D. E. Westholm, G. W. Anderson

Program Number 172 Thyroid Hormone Metabolism and Regulation Friday Poster Basic

Online PATIENTS: PATient adherence Educational iNTERactive Server

J. J. DiStefano, M. C. Eisenberg, J. Chen

Program Number 173 Thyroid Hormone Metabolism and Regulation Friday Poster Clinical

Thyroid Hormone Changes in Sera during Thyroid Surgery

H. Alis, M. G. Taskale, B. Ede, E. Aygun

Program Number 174 Thyroid Imaging Friday Poster Clinical

The significance of incidental PET uptake in the thyroid gland

J. A. Eloy, P. Som, E. Genden

Program Number 175 Thyroid Imaging Friday Poster Clinical

Morphologic change of trachea (deviation, compression, invasion) associated with various thyroid tumors

Y. W. Koh, S. Y. Lee, H. S. Hong, D. H. Kim, S. W. Lee, H. S. Chang

Program Number 176 Thyroid Nodules and Goiter Friday Poster Basic

IGF-1 Up-regulates cyclinD1 Expression via PI3-Kinase /NF-KappaB Signal Pathway in FRTL-5 Cells

M. Ren, L. Gao, Y. Sun, X. Zhong, X. Lu, J. Zhao

Program Number 177 Thyroid Nodules and Goiter Friday Poster Basic

Study of the prevalence and mechanisms of action of TSH receptor and Gs protein alpha-subunit mutations, in toxic multinodular goiters and toxic adenomas from Galicia (Spain)

F. Palos, O. Perez, V. Alvarez-Iglesias, J. Cameselle, D. Araujo, L. Dominguez, J. Lado-Abeal

Program Number 178 Thyroid Nodules and Goiter Friday Poster Clinical

How we can predict the hypothyroidism after hemithyroidectomy? : A Clinico-pathological analysis

Y. W. Koh, S. Y. Lee, S. W. Lee, H. S. Chang, H. K. Kim

Program Number 179 Thyroid Nodules and Goiter Friday Poster Clinical

Epidemiologic study(FATA-G): thyroid volume evaluation according to different classes of age and thyroid nodule prevalence

P. De Remigis, P. Ranieri, A. De Remigis, B. Di Nenno, G. Napolitano, L. Vianale

Program Number 180 Thyroid Nodules and Goiter Friday Poster Clinical

Fine Needle Aspiration Cytology of Thyroid Nodule: Diagnostic Accuracy and Pitfalls

S. A. Mahar

10:00 - 11:00 am

Ant

Fellows Session

10:30 – 11:45 am

Simultaneous Sessions - Oral Abstracts

Akimel O'otham 3, 4

CLINICAL

Autoimmunity and Thyroid Disease

Chairs: Rebecca Bahn

Program Number 181 Autoimmunity Friday Oral Clinical 10:30 am

Study of serum antibodies and T cell reactivity against three eye muscle antigens in patients with Graves' disease with ophthalmopathy – correlation with clinical features

B. Gopinath, R. Musselman, N. Beard, J. Tani, C. L. Adams, B. Nguyen, J. Wall

Program Number 182 Autoimmunity Friday Oral Clinical 10:45 am

Rituximab Is More Effective Than Intravenous Steroids in the Treatment of Patients Active Graves' Ophthalmopathy

M. Salvi, G. Vannucchi, I. Campi, D. Dazzi, N. Currò, S. Simonetta, P. Bonara, S. Rossi, S. Avignone, C. Guastella, R. Ratiglia, P. Beck-Peccoz

Program Number 183 Thyroid Diseases Friday Oral Clinical 11:00 am

Lipid Subparticle Sizes in Overt Hypothyroidism

E. N. Pearce, P. W. F. Wilson, L. E. Braverman

Program Number 184 Thyroid Diseases Friday Oral Clinical 11:15 am

The Effects of Antithyroid Drug Treatment on Thyroid Hormone Levels after I Ablation for Graves' Disease: A Prospective Randomized Study

L. M. Z. Maciel, P. K. R. Magalhaes

Program Number 185 Thyroid and Development Friday Oral Clinical 11:30 am
Using Magnetic Resonance Spectroscopy (MRS) to Study Thyroid Hormone's Role in Hippocampal Development

J. Rovet, M. Williamson, K. Nash, M. Desrocher, E. Sheard, M. Noseworthy

Akimel O'otham 1, 2

BASIC

Thyroid Cancer

Chairs: Bryan Haugen and Sissy Jhiang

Program Number 186 Thyroid Cancer Friday Oral Basic 10:30 am

Parvovirus B19 Infection in Human Papillary Thyroid Carcinoma

J. Wang, W. Zhang, H. Liu, D. Wang, L. Wang, Y. Li, W. Wang, Z. Wang, G. Huang

Program Number 187 Thyroid Cancer Friday Oral Basic 10:45 am

Anti-Tumor Activity of AMG 706, an Oral Multi-Kinase Inhibitor, in Human Medullary Thyroid Carcinoma Xenografts

A. Coxon, J. Bready, M. Fiorino, P. Hughes, L. Wang, T. DeMelfi, N. Doerr, R. Radinsky, R. Kendall, T. Polverino

Program Number 188 Thyroid Cancer Friday Oral Basic 11:00 am

Antineoplastic Activity of Combretastatin A-4 Phosphate, Paclitaxel and Carboplatin in a Mouse Xenograft Model of Anaplastic Thyroid Cancer

S. C. J. Yeung

Program Number 189 Thyroid Cancer Friday Oral Basic 11:15 am

Immunsurveillance by Dendritic Cells: Potential Implication for Immunotherapy of Patients with Medullary Thyroid Carcinoma and in Transgenic MTC Mice

M. Schott, C. Papewalis, B. Jacobs, W. A. Scherbaum

Program Number 190 Thyroid Cancer Friday Oral Basic 11:30 am

Widely Invasive Papillary Thyroid Cancer is Associated with an Expression Profile Consistent with Epithelial-to-Mesenchymal Transition

V. Vasko, A. Espinosa, H. He, H. Auer, S. Liyanarachchi, A. Larin, W. Scouten, G. L. Francis, A. De la Chapelle, M. Saji, M. Ringel

11:00 am – 1:00 pm Ant
Fellows Career Workshop and Networking Lunch

11:45 am – 1:00 pm Pipai Kave
Poster Session & Lunch Akimel O'otham Foyer

1:00 – 2:00 pm Check ticket for room assignment
Friday Meet the Professors Workshops (Concurrent)

How to choose a clinical trial, case based	Manisha Shah
The impact of thyroid nodule management on thyroid cancer incidence	Laurence Leenhardt
I-131 Rx and XRT, when to use?	James Brierley
Tg assays, do they make a difference?	Carole Spencer
Submitting a successful research grant application	Syed Amir and Ron Margolis

Thyroid hormone, metamorphosis and development	Robert J. Denver
Central mechanism in thyroid hormone homeostasis	Anthony Hollenberg
Novel insights into S14 mechanism of action	Cary Mariash

2:00 – 3:30 pm Simultaneous Sessions - Oral Abstracts

Akimel O'otham 3, 4

CLINICAL

Thyroid Nodules and Cancer

Chairs: Steven Sherman and Gerard Doherty

Program Number 191 Thyroid Cancer Friday Oral Clinical 2:00 pm

Role of Molecular Testing for Mutations in Improving the Fine Needle Aspiration (FNA) Diagnosis of Thyroid Nodules

Y. E. Nikiforov, D. L. Steward, M. N. Nikiforova, Z. Zhu, B. R. Haugen, J. P. Klopper, J. A. Fagin, J. P. Fidler, T. M. Robinson-Smith, K. Weber

Program Number 192 Thyroid Nodules and Goiter Friday Oral Clinical 2:15 pm

Predicting Malignancy in Follicular Neoplasms

S. A. Fish, J. Langer, Z. Baloch, A. Cucchiara, S. J. Mandel

Program Number 193 Thyroid Cancer Friday Oral Clinical 2:30 pm

Staging Follicular Cell Derived Non-Papillary Thyroid Carcinoma: Impact of the 2002 pTNM Reclassification

F. Toruner, J. L. Bates, I. D. Hay, T. J. Sebo, B. McIver

Program Number 194 Thyroid Cancer Friday Oral Clinical 2:45 pm

Tumor size is a prognostic factor in pT3 well-differentiated thyroid carcinoma

L. Leenhardt, C. Trésallet, P. Mordant, C. Hoang, L. Dupasquier Fediaevsky, A. Aurengo, F. Ménégau

Program Number 195 Thyroid Cancer Friday Oral Clinical 3:00 pm

The Predictive Value of Post-Surgical Stimulated Thyroglobulin Measurements in the Follow-Up of Well-Differentiated Thyroid Carcinoma

A. M. Sawka, S. Orlov, J. Gelberg, B. Stork, M. Dowar, M. Shaytzig, J. L. Freeman, P. G. Walfish

Program Number 196 Thyroid Cancer Friday Oral Clinical 3:15 pm

A Sensitive Thyroglobulin Immunoassay Obviates Need for Recombinant Human Thyrotropin Stimulation in Follow-Up of Patients with Differentiated Thyroid Carcinoma and Undetectable Serum Thyroglobulin

R. C. Smallridge, S. E. Meek, M. A. Morgan, G. S. Gates, T. P. Fox, S. Grebe, V. Fatourechi

Akimel O'otham 1, 2

BASIC

Autoimmunity

Chairs: Basil Rapoport and Patrizio Caturegli

Program Number 197 Autoimmunity Friday Oral Basic 2:00 pm

Genetic association of Graves' disease localised to within 180kb of the TSHR gene region

O. J. Brand, J. M. Heward, T. H. Brix, J. Connell, J. Carr-Smith, L. Hegedus, P. Hunt, B. Robinson, J. C. Taylor, J. Wass, W. M. Wiersinga, J. A. Franklyn, T. Weetman⁰, S. C. L. Gough

Program Number 198 WITHDRAWN

Program Number 199 Autoimmunity Friday Oral Basic 2:30 pm

Successfully established an animal model of Graves disease

B. Y. Shi, L. P. Wu, C. R. Chen, L. Y. Guo, L. Xu

Program Number 200 Autoimmunity Friday Oral Basic 2:45 pm

X-Chromosome Inactivation (XCI) in Graves' Disease

X. Yin, R. Latif, Y. Tomer, T. Davies

Program Number 201 Autoimmunity Friday Oral Basic 3:00 pm

Influence of Thyroid Hormones on Maturation and Function of Dendritic Cells in Vivo and in Vitro

M. Dedecjus, M. Stasiolek, K. Selmaj, J. Brzezinski, A. Lewinski

Program Number 202 Autoimmunity Friday Oral Basic 3:15 pm

Immune-Regulatory Gene Involvement in the Etiology of Interferon Induced Thyroiditis (IIT)

E. Jacobson, S. Chaudhry, J. C. Mandac, E. Concepcion, Y. Tomer

3:30 – 4:00 pm

Poster Session and Break

Pipai Kave

Akimel O'otham Foyer

4:30 pm

Pipai Kave **Exhibit Hall Closes**

4:00 – 5:15 pm

Simultaneous symposia

Akimel O'otham 3, 4

Thyroid Grand Rounds: Do All Nodules >1cm Require FNA?

Moderator: Gilbert Daniels

Panel: Jill Langer, Erik Alexander and Jack Baskin

Akimel O'otham 1, 2

Deiodination: From Bench to Bedside

Moderator: Douglas Forrest

What are we learning from deiodinase transgenic mouse models?

Donald St. Germain

The Significance of type 2 iodothyronine deiodinase for T4 to T3 conversion in humans

P. Reed Larsen

Clinical implications of deiodinase polymorphisms

Robin Peeters

5:15 – 6:00 pm

Akimel O'otham 3, 4

Sidney H. Ingbar Distinguished Lectureship

Supported by an educational grant from Abbott

This award recognizes outstanding academic achievements in thyroidology, in keeping with the innovation and vision that epitomized Dr. Ingbar's brilliant investigative career. The award is conferred upon an established investigator who has made major contributions to thyroid-related research over many years.

“Defective Synthesis and Secretion of Thyroglobulin: From Phenotype to Genotype”

Geraldo Medeiros-Neto, MD

Professor of Endocrinology

University of Sao Paulo Medical School

Sao Paulo, Brazil

Free Evening

77th Annual Meeting of the American Thyroid Association
Sheraton Wild Horse Pass Resort & Spa
Phoenix, Arizona
October 11-15, 2006

Saturday, October 14, 2006

6:00 am – 6:00 pm Ant
ATA Fellows Track Room (See Fellows schedule posted daily)

6:00 am Akimel O’otham 1, 2
Breakfast

6:30 – 7:45 am Akimel O’otham 1, 2
CME symposium *Supported by an educational grant from Astra Zeneca*
Medullary Thyroid Carcinoma: New approaches to mechanism, testing and treatment
Moderator: Matthew Ringel

RET and other signaling abnormalities in medullary thyroid carcinoma Massimo Santoro
Radioimmunotherapy: a novel therapy for advanced medullary thyroid carcinoma Stéphane Bardet
Genetic testing in medullary thyroid carcinoma Ernest Mazzaferri

8:00 – 8:45 am Akimel O’otham 3, 4
The Paul Starr Award Lecture *Supported by Boris Catz, MD and an educational a grant from King Pharmaceuticals, Inc.*

In recognition of an outstanding contributor to clinical thyroidology.

“Causes and Consequences of Thyroid Disorders”

Professor Jayne A. Franklyn MD PhD FRCP FMedSci
Professor of Medicine Division of Medical Sciences
University of Birmingham Queen Elizabeth Hospital
Edgbaston Birmingham, United Kingdom

8:45 -10:15 am Akimel O’otham 3, 4
Short call abstracts (6)
Chairs: Peter Kopp and Michael McDermott

10:15 – 10:45 am Akimel Foyer
Refreshment Break

10:45 – Noon **Simultaneous symposia**

Akimel O’otham 3, 4
Arthur Bauman Clinical Symposium
Presents advances in clinical investigation in thyroidology and promotes participation by younger members of the scientific community in honor of the memory of Arthur Bauman, clinician and clinical investigator.

Graves’ disease *Supported by the Bauman Fund and an educational grant from Abbott*
Moderator: Elizabeth Pearce
Antithyroid drug therapy: how much, how long? Leonard Wartofsky
Fetal Graves’ disease: diagnosis and treatment Maureen Malee
Pediatric Graves’ disease Steven G. Waguespack

Akimel O'otham 1, 2

Dysregulation of thyroid hormone transport and deiodinase expression

Moderator: Brian Kim

Cellular and molecular biology of MCT8

Structure of the D3 gene and impact of imprinting

Mechanisms and consequences of ectopic D3 expression

Theo Visser

Arturo Hernandez

Stephen A. Huang

Noon – 2:00 pm

Free Time

1:30 – 4:00 pm

Coyote/Buzzard Eagle

ATA Alliance for Patient Education Public Forum and Workshops

American Thyroid Association, the Thyroid Foundation of America, the National Graves' Disease Foundation, ThyCa: Thyroid Cancer Survivors' Association, and the Light of Life Foundation

2:00 – 3:30 pm

Simultaneous Sessions - Oral Abstracts

Akimel O'otham 3, 4

CLINICAL

Thyroid Cancer

Chairs: Stephanie Lee and Richard T. Kloos

Program Number 203 Thyroid Cancer Saturday Oral Clinical 2:00 pm

Spot Urine Iodine Levels Predict Iodine Depletion after Low-Iodine Diet

J. T. Rittenberry, H. N. Nagaraja, R. T. Kloos, M. D. Ringel

Program Number 204 Thyroid Cancer Saturday Oral Clinical 2:15 pm

Office-Based Ultrasound Detection of Differentiated Thyroid Cancer Recurrence: Location and Specific Sonographic Features Help Differentiate Malignant from Benign Lymph Nodes

B. Pazooki, J. A. Fagin, E. B. Silberstein, Y. E. Nikiforov, D. L. Steward

Program Number 205 Thyroid Cancer Saturday Oral Clinical 2:30 pm

Venous sampling for thyroglobulin levels: Implications for localizing differentiated thyroid cancer

E. Kebebew

Program Number 206 Thyroid Cancer Saturday Oral Clinical 2:45 pm

Efficacy of Nodal Dissection for Treatment of Residual/Recurrent Papillary Thyroid Carcinoma

K. G. Schuff, S. M. Weber, M. H. Samuels, P. A. Andersen, H. C. Herrington, J. I. Cohen

Program Number 207 Thyroid Cancer Saturday Oral Clinical 3:00 pm

Vascular Endothelial Growth Factor (VEGF) in Papillary and Follicular Thyroid Tumors

P. Vohra, M. Prasad, M. Slosar, A. Fischer, R. Quinlan, M. Safran, A. Khan

Program Number 208 Thyroid Cancer Saturday Oral Clinical 3:15 pm

Phase II study of oral histone deacetylase inhibitor SAHA in patients with metastatic thyroid cancer

M. Ringel, R. T. Kloos, D. Arbogast, M. Collamore, L. Weldy, J. Zweibel, M. Shah

Akimel O'otham 1, 2

BASIC

Thyroid Hormone Action

Chairs: Sheue-yann Cheng and Ronald Koenig

Program Number 209 Thyroid Hormone Action Saturday Oral Basic 2:00 pm

Post-Receptor Role for the Human CCR4-NOT Complex in Gene Activation by the Human Thyroid Hormone Receptor

X. Meng, M. Govindan, J. S. Mymryk, C. L. Denis, N. J. Krogan, C. Boone, P. G. Walfish

Program Number 210 Thyroid Hormone Action Saturday Oral Basic 2:15 pm

Role of histone methyltransferases in gene regulation by thyroid hormone receptor during development

Y. B. Shi

Program Number 211 Thyroid and Development Saturday Oral Basic 2:30 pm

Thyroid hormone transporter expression during brain development

T. W. Bastian, C. Mariash, G. W. Anderson

Program Number 212 Thyroid Hormone Action Saturday Oral Basic 2:45 pm

The nuclear receptor corepressor (NCoR) downregulates the signaling of phosphatidylinositol 3-kinase activated by a mutant thyroid hormone β receptor

F. Furuya, S. Y. Cheng

Program Number 213 Thyroid Hormone Action Saturday Oral Basic 3:00 pm

Deletion of Thyroid Hormone Receptor beta Selectively Decreases Fatty acid Oxidation and Increases Glucose Oxidation in the Heart

D. D. Belke, B. T. Scott, W. Dillmann

Program Number 214 Thyroid Hormone Action Saturday Oral Basic 3:15 pm

A Novel Mechanism for T3-mediated Cardiac Gene Expression

S. Danzi, P. Dubon, S. Klein

3:30 – 4:45 pm

Simultaneous symposia

Akimel O'otham 3, 4

Surgical complication of thyroid surgery and lymph node dissection

Moderator: Glenn Braunstein

Minimizing morbidity in the central neck

Gerard Doherty

Approach to the lateral neck

Douglas Evans

Evidence based therapy for hypoparathyroidism

Suzanne Jan de Beur

Akimel O'otham 1, 2

Thyroid hormone receptors: fundamentals and novel therapeutic tools

Moderator: J. Enrique Silva

Activation versus repression by TR during development

David Furlow

Thyroid Hormone analogues

John D. Baxter

Clinical trials with thyroid hormone analogues

Eugene Morkin

77th Annual Meeting of the American Thyroid Association

4:45 – 5:30 pm

Akimel O'otham 3, 4

Abbott State of the Art Lecture

Supported by an educational grant from Abbott

“Nuclear Receptors from Repression to Metabolism”

Mitchell A. Lazar, MD, PhD

University of Pennsylvania School of Medicine

Endocrinology, Metabolism & Diabetes

Philadelphia, Pennsylvania

7:30 – 11:00 pm

Grand Terrace, Akimel Lawn and Patio

Annual Gala Reception & Banquet (advance purchase required, admission by ticket only)

Presentation of The ATA Distinguished Service Award

In recognition and honor of a member who has made important and continuing contributions to the Association.

2006 Awardee:

Sheue-yann Cheng, PhD

Laboratory of Molecular Biology

NIH

Bethesda, Maryland

Presentation of The Pathophysiology Medal

In recognition of outstanding research contributions, either conceptual or technical, to the understanding of thyroid physiology or the pathophysiology of thyroid disease, as evidenced by having a major impact on research or clinical practice related to thyroid diseases.

2006 Awardee:

John T. Nicoloff, MD

USC School of Medicine

Los Angeles, California

77th Annual Meeting of the American Thyroid Association
Sheraton Wild Horse Pass Resort & Spa
Phoenix, Arizona
October 11-15, 2006

Sunday, October 15, 2006

6:30 am – 11:00 am Ant
ATA Fellows Track Room (See Fellows schedule posted daily)

6:30 am Akimel 1,2
Breakfast

7:00 – 8:15 am Akimel 1,2

CME symposium *Supported by an educational grant from Genzyme, Inc.*

Clinical Challenges in Thyroid Cancer Management

Moderator: Gregory A. Brent

Micropapillary thyroid cancer: incidental finding or true disease?	Elio Roti
Thyroglobulin positive patients: clinical significance and approach	Steven Sherman
Ultrasound surveillance of lymph nodes: impact on outcome	Richard T. Kloos

8:25 – 9:40 am **Simultaneous Symposia**

Akimel O'otham 3, 4

Public Health and the Thyroid

Moderator: John Morris

Assessing thyroxine bioequivalence: clinical implications and FDA policy	James Hennessey
Potassium Iodide distribution for thyroid protection	Elizabeth Pearce
Chernobyl: 20 years later	R. Michael Tuttle

Akimel O'otham 1, 2

Advances in thyroid cell biology

Dedicated to the memory of Alvin Taurog

Moderator: Peter Kopp

The search for thyroid cell stem cells	Terry Davies
Intracellular trafficking and Endoplasmic Reticulum stress in thyrocytes	Peter Arvan
Sodium/Iodide Symporter (NIS) – what have we learned in the last 10 years?	Nancy Carrasco

9:40 – 11:00 am Akimel O'otham 3, 4

Pathways of thyroid growth and tumorigenesis: regulation, models, and clinical application

Moderator: Ernest Mazzaferri

Signaling pathways that regulate thyroid growth and cell death	Judy Meinkoth
Mechanisms of thyroid tumorigenesis; role of signaling pathways	James Fagin
Animal models of thyroid cancer and development of novel therapies	Seungwon Kim
Translating mechanisms of thyroid tumorigenesis to clinical trials	Matthew Ringel

11:00 am **77th Annual Meeting ends**

Please return your evaluation and pick up your CME certificate from the U.T. M. D. Anderson CME Desk as you leave the meeting