

**73rd Annual Meeting of the American Thyroid Association
Omni Shoreham Hotel
Washington, DC
November 7-10, 2001**

**Special Program
Saturday, November 10, 2001**

6:00 - Palladian Room
7:45 am **Sunrise “Early Riser” Seminar:
Hot Topics in Thyroidology**
Chair: E. Chester Ridgway

Improving Outcomes in Thyroid Cancer
with TSH-Suppressive Therapy Steven I. Sherman

Does Subclinical Hypothyroidism
Really Increase the Risk of
Cardiovascular Disease? Leonard Wartofsky

Improving the Utility of Fine Needle
Aspiration Biopsy for the Diagnosis
of Thyroid Tumors Bryan R. Haugen

*Sponsored by The Endocrine Society
Supported by an unrestricted educational grant from Abbott
Laboratories*

73rd Annual Meeting of the American Thyroid Association
Omni Shoreham Hotel
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8:00 - 9:00 am Simultaneous Sessions

Palladian Room

Clinical: Cancer

Oral Abstract Presentations

Chairs: Ian D. Hay and Quan-Yang Duh

251 8:00 am Cancer

SERUM VASCULAR ENDOTHELIAL GROWTH FACTOR LEVELS ARE ELEVATED IN METASTATIC DIFFERENTIATED THYROID CANCER BUT NOT INCREASED BY TSH STIMULATION

R.M. Tuttle, M. Fleisher, G.L. Francis, R.J. Robbins

Endocrinology Service, Department of Medicine, Clinical Chemistry Service, Department of Clinical Laboratories, Memorial Sloan-Kettering Cancer Center, New York, New York, and Endocrinology Service, Department of Pediatrics, Walter Reed Army Medical Center, Washington, DC, USA

252 8:15 am Cancer

IS THE SERUM THYROGLOBULIN RESPONSE TO rhTSH SUFFICIENT BY ITSELF TO MONITOR FOR RESIDUAL DIFFERENTIATED THYROID CARCINOMA?

R.J. Robbins, M. Fleisher, S.M. Larson, R.M. Tuttle

Endocrinology, Nuclear Medicine, and Clinical Chemistry Services, Memorial Sloan-Kettering Cancer Center, New York, New York, USA

253 8:30 am Cancer

UTILITY OF ULTRASONOGRAPHY IN POST-SURGICAL MANAGEMENT OF PATIENTS WITH THYROID CARCINOMA

P. Arora, M. Blum

Division of Endocrinology, New York University Medical Center, New York, New York, USA

254 8:45 am Cancer

LACK OF IMPACT OF RADIOIODINE THERAPY IN THYROGLOBULIN-POSITIVE DIAGNOSTIC SCAN-NEGATIVE PATIENTS WITH FOLLICULAR CELL-DERIVED THYROID CANCER

V. Fatourehchi, I. Hay, H. Javedan, G. Wiseman, B. Mullan, C. Gorman

Division of Endocrinology and Metabolism and Division of Nuclear Medicine, Mayo Clinic, Rochester, Minnesota, USA

Saturday, November 10, 2001
Morning Session

8:00 - 9:00 am Simultaneous Sessions

Diplomat Ballroom

**Basic: Thyroid Hormone Action, Thyroid and the Brain,
and Cell Biology**

Oral Abstract Presentations

Chair: Paul M. Yen

255 8:00 am Thyroid Hormone Action

**THE EFFECTS OF T3 AND TRIAC ON HYPERTENSIVE CARDIOMYOPATHY IN
DAHL RATS**

P. Cettour¹, J.F. Aubert², P. Trigo Trindade¹, F. Pernin¹, R. Lerch¹, T. Visser³, H.R. Brunner², F. Rohner-Jeanrenaud¹, A. Burger¹

¹University of Geneva, Hôpital Cantonal Universitaire, Geneva, Switzerland; ²Division of Hypertension, CHUV, Lausanne, Switzerland; and ³Department of Internal Medicine, Erasmus University Medical Center, Rotterdam, The Netherlands

Program Number 256 has been withdrawn

242 8:15 am Cell Biology

**EXAMINING THE TARGETING OF cog-MUTANT THYROGLOBULIN:
ENDOPLASMIC RETICULUM RETENTION AND ASSOCIATED DEGRADATION**

Y. Park, P. Arvan

Division of Endocrinology, Albert Einstein College of Medicine, Bronx, New York, USA

257 8:30 am Thyroid and the Brain

**TESTING THE "ENDOCRINE DISRUPTOR" HYPOTHESIS FOR CHILDHOOD
NEUROBEHAVIORAL DISORDERS**

S.H. Lamm, O.P. Soldin, J.S. Lamm, S. Mosee, S.H. Lai

Consultants in Epidemiology and Occupational Health, Inc., Howard University School of Medicine, Washington, DC, and Johns Hopkins School of Hygiene and Public Health, Baltimore, Maryland, USA

Program Number 258 has been withdrawn

244 8:45 am Cell Biology

**MOLECULAR ANALYSIS AND STRUCTURE/FUNCTION IMPLICATIONS OF TWO
CONGENITAL NIS MUTATIONS (G93R and G395R)**

O. Dohán, M. Paroder, V. Gavrielides, C. Ginter, M. Amzel, N. Carrasco

Albert Einstein College of Medicine, Bronx, New York, USA

Saturday, November 10, 2001
Morning Session

9:00 - 10:00 am Palladian Room
Abbott Laboratories State of the Art Lecture
Using Genomics to Understand Hormone Action
Paul Meltzer, M.D., Ph.D.
Head, Section of Molecular Genetics, Cancer Genetics Branch
National Human Genome Research Institute, National Institutes of
Health, Bethesda, MD
Supported by an educational grant from Abbott Laboratories

10:00 - 10:15 am Palladian Room
Coffee Break

10:15 - 11:15 am Simultaneous Sessions

Palladian Room
Clinical Advances
Oral Abstract Presentations
Chairs: Kenneth D. Burman and Kenneth H. Hupart

245 10:15 am Clinical
**ADMINISTRATION OF A SINGLE DOSE OF RECOMBINANT HUMAN
THYROTROPIN ENHANCES THE EFFICACY OF THE RADIOIODINE (RAI)
TREATMENT OF MULTINODULAR GOITER (MNG)**
M. Silva, I. Rubió, C. Buchpiguel, R. Romão, S. Cardia, R. Camargo, E. Tomimori, E. Gebrin,
G. Medeiros-Neto
Division of Endocrinology and Department of Radiology, University of São Paulo Medical
School, São Paulo, SP, Brazil

246 10:30 am Clinical
**LONG-TERM SAFETY OF ORBITAL RADIOTHERAPY FOR GRAVES'
OPHTHALMOPATHY**
C. Marcocci, L. Bartalena, G. Barbesino, R. Rocchi, M. Nardi, S. Mazzeo, F. Cartei, B. Mazzi, F.
Menconi, A. Pinchera
Departments of Endocrinology and Metabolism, Neurosciences, and Oncology, University of
Pisa, Pisa, and Department of Clinical and Biological Sciences, University of Insubria, Varese,
Italy

Program Number 247 has been withdrawn

248 10:45 am Clinical
**EXPERIENCE WITH ULTRASOUND-GUIDED FINE-NEEDLE ASPIRATION BIOPSY
IN THE EVALUATION OF THYROID**
F. Fierro-Renoy, R. Fierro-Benitez, R. Guerrero
Endocrinology Section, Hospital Metropolitano, Quito, Ecuador

Saturday, November 10, 2001
Morning Session

Program Number 249 is now an oral abstract presentation taking the place of Program Number 1

250 11:00 am Clinical
DERMOPATHY OF GRAVES' DISEASE (PRETIBIAL MYXEDEMA): LONG TERM OUTCOME
K. Schwartz, V. Fatourechi, D. Ahmed, G. Pond
Division of Endocrinology, Department of Dermatology and Section of Biostatistics, Mayo Clinic, Rochester, Minnesota, USA

10:15 - 11:15 am Simultaneous Sessions

Diplomat Room
Basic: Cell Biology
Oral Abstract Presentations
Chair: Terry J. Smith

239 10:15 am Cell Biology
THE ROLE OF GRP94 IN THE PROCESSING OF THYROGLOBULIN MOLECULES BY FLUORESCENCE RESONANCE ENERGY TRANSFER SPECTRO-MICROSCOPY
S. Menon, J. Kim, W. Abplanalp, B. Li, P. Kim
Division of Endocrinology, University of Cincinnati, Cincinnati, Ohio, USA

240 10:30 am Cell Biology
THERE IS AN INTRINSIC ULTRADIAN HORMONAL SECRETORY RHYTHM IN GH4C1 CELLS, WHICH IS REGULATED BY A POST-GOLGI MECHANISM INDEPENDENT OF TRANSLATION
M.A. Greer, S.E. Greer
Division of Endocrinology, Department of Medicine, Oregon Health Sciences University, Portland, Oregon

241 10:45 am Cell Biology
ABERRANT APOPTOSIS IN THYROID CELLS FROM NODULAR GOITERS
E. Mezosi¹, J.D. Bretz¹, H. Yamazaki¹, S.H. Wang¹, P.G. Gauger², N.W. Thompson², J.R. Baker, Jr.^{1,3}
Departments of ¹Medicine and ²Surgery, and ³Center for Biologic Nanotechnology, University of Michigan Medical Center, Ann Arbor, Michigan, USA

Program Number 242 is being presented at 8:15 as part of the Basic Science session

243 11:00 am Cell Biology
PRODUCTION OF POLYCLONAL ANTIBODY TO HUMAN TTF2 SUITABLE FOR IMMUNOCYTOCHEMISTRY
M.J. Sequeira^{1,2}, F. Al-Khafaji¹, M.D. Lewis¹, M. Wheeler², B. Jasani³, M. Ludgate¹
Departments of ¹Medicine/Endocrinology, ²Surgery, and ³Pathology, UWCM, Cardiff, Wales, UK

Program Number 244 is being presented at 8:45 as part of the Basic Science session

Saturday, November 10, 2001
Morning Session

11:15 -12:45 pm Simultaneous Symposia

Palladian Room

Clinical: Thyroid Ultrasound

Moderator: Manfred Blum

The Use of Ultrasound in Nodular Thyroid Disease	Susan J. Mandel
Use of Ultrasound to Detect and Ablate Involved Nodes After Surgery	Carl C. Reading
ATA and ETA Survey: Nontoxic Multinodular Goiter	Paul W. Ladenson

Diplomat Ballroom

Basic: Iodine Transport

Moderator: Sheue-yann Cheng

Pendrin and Its Role in Thyrocytes, Inner Ear, and Kidney	Peter A. Kopp
The Thyroidal Iodide Transporter as Potential Therapeutic Support for Prostate Cancer	John C. Morris, III
Sodium Iodide Symporter (NIS): Structure/Function Relations and Pathophysiological Relevance	Nancy Carrasco

12:45 pm *73rd Annual Meeting Ends*

*Attendees may pick up their Continuing Medical Education certificate
outside the Palladian Room as they leave the Meeting*