

Scientific Program

Friday, September 19, 2003

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10:30 – 11:00 am Mediterranean Ballroom
Refreshment Break in the Exhibit Hall

11:00 am – Noon Simultaneous Sessions

Venetian Ballroom
Clinical Oral Abstracts
Chairs: Vahab Fatourechi and Susan J. Mandel

Program Number 109 Cancer Friday Clinical Oral 11:00 am
Detection of TSH Receptor mRNA Transcripts in Peripheral Blood: A Marker for Preoperative Detection of Thyroid Cancer
K. Wagner, R.Arciaga, K.Chen, A. Siperstein, M. Milas, S.S.K. Reddy, M.K. Gupta
The Cleveland Clinic Foundation, Cleveland, Ohio, USA

Program Number 110 Cancer Friday Clinical Oral 11:15 am
A Simplified Regimen for rhTSH-assisted RAI Remnant Ablation (RRA)
R.M. Tuttle, R.R. Qualey, C. Divgi, S. Larson, R.R. Robbins
Memorial Sloan Kettering Cancer Center, New York, New York, USA

Program Number 111 Cancer Friday Clinical Oral 11:30 am
Inverse Association between Age at Radiation and the Size of Thyroid-incidentaloma in Cases with History of Radiotherapy for Tinea Capitis
S.R. Zakavi¹, Z. Mousavi¹, H. Rezaei Deluie¹, M. Mehrabi¹, J. Farahati²
¹Clinic for Endocrinology and Nuclear Medicine, University of Mashad, Iran; and
²Clinic for Nuclear Medicine, Bethesda Essen, Germany

Program Number 112 Cancer Friday Clinical Oral 11:45 am
Differentiated Thyroid Cancer: Analysis of Prognostic Factors and Effect of Treatment from a Single Institution on Patients Treated in a Forty-year Period
J. Brierley^{1,2}, R. Tsang^{1,2}, T. Panzarella³, N. Bana¹
¹Department of Radiation Oncology, Princess Margaret Hospital, ²Department of Radiation Oncology, University of Toronto, ³Department of Biostatistics, Princess Margaret Hospital, Toronto, Ontario, Canada

11:00 am – Noon Simultaneous Sessions

Ponce de Leon Ballroom
Basic Oral Abstracts
Chairs: Rosalind Brown and Peter Kopp

Program Number 113 Thyroid Hormone Action Friday Basic Oral 11:00 am
RanBPM: A New Coactivator for Thyroid Hormone Receptors
M.B. Poirier, L. Laflamme, M.F. Langlois
Department of Medicine, Division of Endocrinology, University of Sherbrooke, Sherbrooke, Quebec, Canada

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Program Number 114 Thyroid Hormone Metabolism Friday Basic Oral 11:15 am
Type 2 Deiodinase (D2) Is Not Essential for All Thyroid Hormone-dependent Developmental Processes in the Mouse Central Nervous System (CNS)

V. Galton, E. Wood, D. St. Germain

Departments of Physiology and Medicine, Dartmouth Medical School, Lebanon, New Hampshire, USA

Program Number 115 Thyroid and Development Friday Basic Oral 11:30 am
Thyroid Hormone Modulates Heparan Sulphate Proteoglycan Expression in the Growth Plate

J.H.D. Bassett, R. Swinhoe, G.R. Williams

Molecular Endocrinology Group, MRC Clinical Sciences Centre, Imperial College, Hammersmith Hospital, London, England, United Kingdom

Program Number 116 Cancer Friday Basic Oral 11:45 am
Molecular Profiling Distinguishes Papillary Carcinoma from Benign Thyroid Nodules

D. Finley¹, B. Lee², B. Zhu¹, T. Fahey III¹

¹Department of Surgery, Weill Cornell Medical College, New York, New York; and

²Department of Surgery, Lenox Hill Hospital, New York, New York, USA

Friday – Saturday Ponce de Leon Ballroom
Poster Sessions Posters 117 - 184

Program Number 117 Autoimmunity Friday/Saturday Poster Sessions
By-stander Activation in Autoimmune Thyroiditis: Studies on Experimental Autoimmune Thyroiditis (EAT) in the Green Fluorescent Mouse

N. Arata, T. Ando, T.F. Davies

Division of Endocrinology, Diabetes, and Bone Diseases, Department of Medicine, Mount Sinai School of Medicine, New York, New York, USA

Program Number 118 Autoimmunity Friday/Saturday Poster Sessions
Autoantibodies in Graves' Disease and a Hamster Thyroid Stimulating Monoclonal Antibody Differ in Their Recognition of the Free TSH Receptor α Subunit

G.D. Chazenbalk, F. Latrofa, S.M. McLachlan, B. Rapoport

Autoimmune Disease Unit, Cedars-Sinai Research Institute and University of California-Los Angeles, Los Angeles, California, USA

Program Number 119 Autoimmunity Friday/Saturday Poster Sessions
Autoimmune Thyroid Disease within the Scope of Polyglandular Autoimmunity

M. Dittmar, G.J. Kahaly

Department of Medicine I, Gutenberg University, Mainz, Germany

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Program Number 120 Autoimmunity Friday/Saturday Poster Sessions

Is Familial Graves' Disease (GD) the Same as Sporadic GD?

Y. Ban¹, D.A. Greenberg², E.S. Concepcion¹, R.B. Villanueva¹, T.F. Davies¹, Y. Tomer¹

¹Division of Endocrinology, Diabetes, and Bone Diseases, Department of Medicine, Mount Sinai School of Medicine, New York, New York; and ²Division of Statistical Genetics, Columbia University, New York, New York, USA

Program Number 121 Autoimmunity Friday/Saturday Poster Sessions

Tri-iodo-thyronine (T3) Reduces the Incidence of Diabetes and Increases the Relative Beta-cell Mass in Rats

M.-L. Hartoft-Nielsen, A. Kaas, T. Bock, M. Skau, A.K. Rasmussen, U. Feldt-Rasmussen, K. Buschard.

Bartholin Institutttet and Department of Endocrinology, Rigshospitalet, Copenhagen, Denmark

Program Number 122 Autoimmunity Friday/Saturday Poster Sessions

Absence of Effect of Octreotide-LAR on T-Cell Subsets in Patients with Active Thyroid-associated Orbitopathy

B. Vaidya¹, B. Shenton², S. Stamp², M. Miller¹, A.J. Dickinson³, P. Perros¹, E. Baister⁴, C. Andrews⁴, P. Kendall-Taylor¹

Departments of ¹Endocrinology, ²Surgery, and ³Ophthalmology, Newcastle University, Newcastle upon Tyne; and ⁴Novartis Pharmaceutical Corporation, United Kingdom

Program Number 124 Autoimmunity Friday/Saturday Poster Sessions

Amino Acid Sequence Homologies between *Borrelia burgdoferii* Proteins and Human Thyroid Autoantigens

F. Guarneri¹, M. Vaccaro¹, C. Guarneri¹, F. Trimarchi², S. Benvenga²

¹Institute of Dermatology and ²Sez. di Endocrinologia del Dip. Clinico Sperimentale di Medicina e Farmacologia, University of Messina, Messina, Italy

Program Number 125 Autoimmunity Friday/Saturday Poster Sessions

Autoimmune Thyroiditis and Thyroid Carcinoma in Childhood

A. Kurtev

Clinic of Pediatric Endocrinology, University Pediatric Hospital, Sofia, Bulgaria

Program Number 126 Autoimmunity Friday/Saturday Poster Sessions

High Prevalence of Thyroid Autoimmunity in Patients with *Pemphigus Vulgaris*

D. Moncet, R.R. Glorio, F. Pitoia, F. Rodriguez Costa, A.G. Diaz, H. Cabrera, H. Niepomniszcze

Endocrinology and Dermatology Divisions, Hospital de Clinicas, University of Buenos Aires, Buenos Aires, Argentina

Program Number 127 Cancer Friday/Saturday Poster Sessions

Radioiodine Therapy of Medullary Thyroid Cancer following Calcitonin Promoter-driven Expression of the Sodium Iodide Symporter

N. Cengic¹, C. Baker², I. Scholz¹, E. Bergert², B. Göke¹, J. Morris², C. Spitzweg¹

¹Department of Internal Medicine II, Ludwig-Maximilians-University, Munich, Germany; and ²Department of Endocrinology, Mayo Clinic, Rochester, Minnesota, USA

Program Number 128 Cancer Friday/Saturday Poster Sessions

Nuclear Phosphorylated AKT1 Is a Critical Regulator of Thyroid Cancer Cell Invasion

V. Vasko^{1,2}, M. Saji¹, V. Savchenko², A. Larin², K.D. Burman¹, M.D. Ringel¹.

¹MedStar Research Institute/ Washington Hospital Center, Washington, DC, USA; and

²Center for Endocrine Surgery, Kiev, Ukraine

Program Number 129 Cancer Friday/Saturday Poster Sessions

Selenium Inhibits Thyroid Cancer Cell Growth

B. Lee¹, D. Finley², A. Ahmad¹, B. Zhu², T. Fahey III²

¹Department of Surgery, Lenox Hill Hospital, New York, New York; and ²Department of Surgery, Weill Cornell Medical College, New York, New York, USA

Program Number 130 Cancer Friday/Saturday Poster Sessions

Focal Expression of Molecular Markers of Papillary Thyroid Carcinoma in Hashimoto's Thyroiditis Suggests Early Transformation

M.L. Prasad¹, Y. Huang², N.S. Pellegata², A. de la Chapelle², R.T. Kloos³

¹Department of Pathology, ²Human Cancer Genetics Program, The Comprehensive Cancer Center, and ³Division of Endocrinology and Nuclear Medicine, Department of Internal Medicine, Ohio State University, Columbus, Ohio, USA

Program Number 131 Cancer Friday/Saturday Poster Sessions

Comparative Analysis of Protein Expression Pattern in Anaplastic Thyroid Cancer and Benign Goiter

W. Gartner¹, L. Wagner¹, G. Wolf², T. Daneva¹, H. Eidherr³, R. Moriggl⁴, M. Weissel¹

¹Vienna University Clinic of Internal Medicine III, ²University of Graz, Department for Surgery, ³Vienna University Clinic of Nuclear Medicine, and ⁴Institute of Molecular Pathology, Vienna, Austria

Program Number 132 Cancer Friday/Saturday Poster Sessions

Long-term Effect of TSH Suppression Therapy on Papillary Carcinoma with Distant Metastasis

K. Tanaka^{1,2}, N. Fukunari¹, M. Nagahama¹, K. Sugino¹, K. Ito¹, K. Shimizu²

¹Ito Hospital and ²Nippon Medical University, Surgery II, Tokyo, Japan

Program Number 133 Cancer Friday/Saturday Poster Sessions

Distinct Patterns of Mitochondrial Changes Associated with Apoptosis Induced by a Farnesyltransferase Inhibitor and a Microtubule Inhibitor in Different Cancer Cells

S.-C.J. Yeung, H. Huang, L. Sun

Department of General Internal Medicine, Ambulatory Treatment and Emergency Care & Department of Endocrine Neoplasia and Hormonal Disorders, University of Texas M. D. Anderson Cancer Center, Houston, Texas, USA

Program Number 134 Cancer Friday/Saturday Poster Sessions

Usefulness of Thyroglobulin Measurement in Fine-Needle Aspiration Biopsy Specimens to Diagnose Cervical Lymph Node Metastasis in Patients with Papillary Thyroid Cancer

T. Uruno¹, A. Miyauchi¹, K. Shimizu², C. Tomoda¹, Y. Takamura¹, Y. Ito¹, A. Miya¹, K. Kobayashi¹, F. Matsuzuka¹, K. Kuma¹

¹Kuma Hospital, Kobe, Japan; and ²Department of Surgery II, Nippon Medical School, Tokyo, Japan

Program Number 135 Cancer Friday/Saturday Poster Sessions

Probasin Promoter (ARR2PB)-driven, Prostate-specific Expression of h-NIS for Targeted Radioiodine Therapy of Prostate Cancer

H. Kakinuma, E. Bergert, J. Morris

Department of Endocrinology, Mayo Clinic, Rochester, Minnesota, USA

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Program Number 136 Cancer Friday/Saturday Poster Sessions
Quantitative Analysis of Glucose Transporter mRNA Expression in Thyroid Cancer by Real-Time PCR
K. Matsuzu¹, F. Segade², D. Bowden^{1,2}, N. Perrier³
Departments of ¹Biochemistry, ²Internal Medicine, and ³Surgery, Wake Forest
University School of Medicine, Winston-Salem, North Carolina, USA

Program Number 137 Cancer Friday/Saturday Poster Sessions
Diagnosis of Microfollicular Architecture on Thyroid Fine Needle Aspiration Biopsy and Frozen Section: Does It Help in the Diagnosis of Thyroid Follicular Lesions?
L. Haveran¹, A. Ciampa², N. Patwardhan¹, M. Safran³, A. Fischer², B. Xu², A. Khan²
Departments of ¹Surgery, ²Pathology, and ³Medicine, University of Massachusetts
Medical Center, Worcester, Massachusetts, USA

Program Number 138 Cancer Friday/Saturday Poster Sessions
Comparison of Diagnostic Performance of Three Thyroglobulin Assays in the Monitoring of Differentiated Thyroid Carcinoma
M. Sadouk, W. Schneider, A. Boucher, C. de Montigny, J.-M. Boutin
Biochemistry Department, Montreal University Hospital Center (CHUM), Montreal,
Quebec, Canada

Program Number 139 Cancer Friday/Saturday Poster Sessions
Influence of Histological Subtypes on Performance of Fine-Needle Aspiration Biopsy and Frozen Section in the Management of Papillary Thyroid Carcinoma
J.C. Furlan¹, Y.C. Bedard², I.B. Rosen¹
Departments of ¹Surgery and ²Pathology and Laboratory Medicine, Mount Sinai
Hospital, University of Toronto, Toronto, Ontario, Canada

Program Number 140 Cancer Friday/Saturday Poster Sessions
^{99m}Tc-Depreotide Scintigraphy and ¹⁸F-Fluorodeoxyglucose (FDG) PET for the Localization of Persistent Metastatic Papillary Thyroid Carcinoma: A Case Report
R. Langley¹, R. Bridwell², J. Montilla², C. Shriver³, V. Bernet¹
Departments of ¹Medicine, ²Radiology, and ³Surgery, Walter Reed Army Medical
Center, Washington, DC, USA

Program Number 141 Cancer Friday/Saturday Poster Sessions
Microcarcinoma of Thyroid Gland: How Should It Be Treated?
J.C. Furlan¹, Y.C. Bedard², I.B. Rosen¹
Departments of ¹Surgery and ²Pathology and Laboratory Medicine, Mount Sinai
Hospital, University of Toronto, Toronto, Ontario, Canada

Program Number 142 Cancer Friday/Saturday Poster Sessions
Occult Sporadic Medullary Thyroid Carcinoma Presenting with Neck Lymphadenopathy
R.A. Hijazi¹, M.A. Habra¹, M.K. Picolos², R.V. Sellin³
¹Baylor College of Medicine, Houston, Texas; ²University of Texas-Houston Medical
School, Houston, Texas; and ³University of Texas MD Anderson Cancer Center,
Houston, Texas, USA

Program Number 143 Cell Biology Friday/Saturday Poster Sessions
Novel Chaperone Actions of Oxido-reductases in the Intracellular Processing of Normal and rdw-Mutant Thyroglobulin
S. Menon, W. Abplanalp, P.S. Kim
Division of Endocrinology and Program in Cell and Molecular Biology, University of
Cincinnati, Cincinnati, Ohio, USA

Program Number 144 Cell Biology Friday/Saturday Poster Sessions

PI3K Pathway Mediates Thyroglobulin-stimulated Thyrocyte Growth and Proliferation That Are Associated with Significant Changes in Modulators of G2-M Phase

W. Abplanalp, K.O. Kim, P.S. Kim

Division of Endocrinology and Program in Cell and Molecular Biology, University of Cincinnati, Cincinnati, Ohio, USA

Program Number 145 Cell Biology Friday/Saturday Poster Sessions

Comparative Modeling of the TSH Receptor-TSH Complex

R. Nunez Miguel¹, J. Sanders², J. Jeffreys², H. Depraetere², M. Evans², T. Richards², T. Blundell¹, B. Rees Smith², J. Furmaniak²

¹Department of Biochemistry, University of Cambridge, Cambridge, England; and

²FIRS Laboratories, Cardiff, Wales, United Kingdom

Program Number 146 Cell Biology Friday/Saturday Poster Sessions

Purification of Tyrosine-phosphorylated 120 kDa-protein from FRTL-5 Cells

D.J. Park¹, Y.J. Park¹, T.Y. Kim¹, B.Y. Cho¹, S.G. Rhee²

¹Department of Internal Medicine, College of Medicine, Seoul National University, Seoul, Korea; and ²Laboratory of Cell Signaling, NHLBI, National Institutes of Health, Bethesda, Maryland, USA

Program Number 147 Cell Biology Friday/Saturday Poster Sessions

Structural Determinants of Thyroglobulin Folding and Intracellular Processing: N-linked Glycosylation Sites, Salt Bridges, Disulfide Bonds, and Domain Truncations

J.H. Bae¹, P. Jongsamak^{1,3}, S. Menon^{1,2}, W. Abplanalp¹, B. Panijpan³, P.S. Kim^{1,2}

¹Division of Endocrinology and ²Program in Cell and Molecular Biology, University of Cincinnati, Cincinnati, Ohio, USA; and ³Department of Biochemistry, Faculty of Science, Mahidol University, Bangkok, Thailand

Program Number 148 Cell Biology Friday/Saturday Poster Sessions

Expression of TGF β /Activin Signaling Mediators, Smads 2/3, Smad4, and Smad7, in Thyroid Tumors

S.E. Matsuo, K.N. Ebina, L. Martins, E.T. Kimura

Department of Histology & Embryology, Institute of Biomedical Sciences, University of São Paulo, São Paulo, Brazil

Program Number 149 Cell Biology Friday/Saturday Poster Sessions

The Adult Spot 14 Null Mouse Exhibits Compensatory Increases in De Novo Lipogenesis

G.T. Mucha, G.W. Anderson, C.N. Mariash

Division of Endocrinology, Department of Medicine, University of Minnesota, Minneapolis, Minnesota, USA

Program Number 150 Cell Biology Friday/Saturday Poster Sessions

The TSH Receptor (TSHR) Resides in Lipid Rafts

R. Latif, T. Ando, S. Daniel, T.F. Davies

Division of Endocrinology, Diabetes and Bone Diseases, Mount Sinai School of Medicine, New York, New York, USA

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Program Number 151 Cell Biology Friday/Saturday Poster Sessions
Protein Disulfide Isomerase Acts as a Major Molecular Chaperone in the Intracellular Retention of Mutant Thyroglobulin Causing Human Congenital Hypothyroid Goiter

P. Jongsamak^{1,3}, S. Menon^{1,2}, W. Abplanalp¹, B. Panijpan³, P.S. Kim^{1,2}

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Program Number 152 Thyroid Diseases Friday/Saturday Poster Sessions
Allele Frequency Assessment of Known TNF- α Polymorphisms and Their Association with Graves' Disease in a UK Caucasian Population

M.J. Simmonds¹, J.M. Heward¹, R. Nithiyananthan², J.A. Franklyn¹, S.C.L. Gough^{1,2}

¹Division of Medical Sciences, University of Birmingham, Queen Elizabeth Hospital, Birmingham, England; and ²Birmingham Heartlands Hospital, Bordesley Green East, Birmingham, England, United Kingdom

Program Number 153 Thyroid Diseases Friday/Saturday Poster Sessions
Association of a Rare Thyroglobulin Gene Microsatellite Variant with Autoimmune Thyroid Disease in the UK

J.E. Collins¹, J.M. Heward¹, J.A. Franklyn¹, S.C.L. Gough²

¹Division of Medical Sciences, University of Birmingham, Queen Elizabeth Hospital, Birmingham, England; and ²Division of Medical Sciences, University of Birmingham, Heartlands Hospital, Birmingham, England, United Kingdom

Program Number 154 Thyroid Diseases Friday/Saturday Poster Sessions
Further Studies on the Mechanism by Which Nicotinamide Increases Thyroid Radiosensitivity

M. Agote Robertson¹, A. Gamba¹, M. Carreras³, P. Finochietto³, J.J. Poderoso³, G.J. Juvenal¹, M.A. Pisarev^{1,2}

¹Department of Radiobiology, National Atomic Energy Commission; ²Department of Biochemistry and ³Laboratory of Oxygen Metabolism, University of Buenos Aires School of Medicine, Buenos Aires, Argentina

Program Number 155 Thyroid Diseases Friday/Saturday Poster Sessions
Residual Goiter in the Post-iodization Phase: Iodine Status, Thiocyanate Exposure, Thyroid Functions, and Autoimmunity in Indian Children

R.K. Marwaha¹, N. Tandon², N. Gupta², A.K. Karak², K. Verma², N. Kochupillai²

¹Institute of Nuclear Medicine & Allied Sciences, New Delhi, India; and ²All India Institute of Medical Sciences, New Delhi, India

Program Number 156 Thyroid Diseases Friday/Saturday Poster Sessions
Rapid Preoperative Preparation for Severe Hyperthyroid Graves' Disease

C. Panzer¹, R. Beazley², L. Braverman¹

¹Section of Endocrinology and ²Department of Surgery, Boston Medical Center, Boston, Massachusetts, USA

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Program Number 157 Thyroid Diseases Friday/Saturday Poster Sessions

Lack of Association of the Vitamin D Receptor Gene with Graves' Disease in the UK

J.E. Collins¹, J.M. Heward¹, R. Nithiyananthan^{1,2}, S. Nezhentsev³, J.A. Franklyn¹,
S.C.L. Gough²

¹Division of Medical Sciences, University of Birmingham, Birmingham, England;

²Birmingham Heartlands Hospital, Birmingham, England; and ³Diabetes and
Inflammation Laboratory, University of Cambridge, Cambridge, England, United
Kingdom

Program Number 158 Thyroid Diseases Friday/Saturday Poster Sessions

A C/T Polymorphism in the 5'-untranslated Region of the CD40 Gene Is Associated with Graves' Disease in Koreans

T.Y. Kim^{1,2}, Y.J. Park^{1,3}, J.Y. Song², K.S. Park^{1,2}, D.J. Park^{1,2}, B.Y. Cho^{1,2}

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Internal Medicine, Clinical Research Institute, Seoul National University Hospital, Seoul, Korea; ³Department of
Internal Medicine Seoul Municipal Boramae Hospital, Seoul, Korea

Program Number 159 Thyroid Diseases Friday/Saturday Poster Sessions

A Comparison of Two Competitive Binding Assays for Porcine TSH-Receptor Antibodies (TRAb and CT-TRAb) in Graves' Disease and Other Thyroid Disorders

N. Lima, M.S. Cardia, M. Knobel, G. Medeiros-Neto

Thyroid Unit, Endocrine Division, University of São Paulo Medical School, São Paulo,
Brazil

Program Number 160 Thyroid Diseases Friday/Saturday Poster Sessions

Recurrence after Surgical Treatment of Graves' Disease and Autonomous Thyroid Adenoma

Z. Petrovski

Department of Nuclear Medicine, Medical Center, Bitola, Republic of Macedonia

Program Number 161 Thyroid Diseases Friday/Saturday Poster Sessions

The Characteristics of Colloid: Malignant versus Benign Entities in Thyroid Fine Needle Aspirations (FNAs)

M. Williams¹, E. Mazzaferri², N. Massoll^{1,2}

Departments of ¹Pathology and ²Endocrinology, University of Florida, Gainesville,
Florida, USA

Program Number 162 Thyroid Diseases Friday/Saturday Poster Sessions

Atrial Fibrillation Is Associated with Higher Frequency of Mild Thyroid Failure (Serum TSH 5.1–10 mIU/L)

V. Fatourech¹, J. Smith², P. Schryver², G. Klee³

¹Division of Endocrinology, Diabetes and Nutrition, ²Division of Health Care Policy
and Research, and ³Department of Laboratory Medicine and Pathology, Mayo
Clinic, Rochester Minnesota, USA

Program Number 163 Thyroid Diseases Friday/Saturday Poster Sessions

Hypomagnesemia after Total Thyroidectomy: A Prospective Study

S.K. Gupta¹, A. Agarwal², S.K. Mishra², M.M. Godbole¹

Departments of ¹Medical Endocrinology and ²Surgical Endocrinology, Sanjay Gandhi
Post Graduate Institute of Medical Sciences, Lucknow, India

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Program Number 164 Thyroid Diseases Friday/Saturday Poster Sessions

Natural Deposition of Radium in Thyroid Glands

L. Van Middlesworth¹, D.R. Shanklin²

Departments of ¹Physiology and ²Pathology, University of Tennessee Health Science Center, Memphis, Tennessee, USA

Program Number 165 Thyroid Hormone Metabolism Friday/Saturday Poster Sessions

Tandem LC/MS/MS Analysis of Thyroid Hormones in Human Serum

N. Soukhova, N. Janicic-Kahric, J. Jonklaas, S.J. Soldin, O.P. Soldin

Bioanalytical Core Laboratory and Endocrinology, General Clinical Research Center, Georgetown University Medical Center, Washington, DC, USA

Program Number 166 Thyroid Hormone Metabolism Friday/Saturday Poster Sessions

Effects of Iodothyronines on the Hepatic Outer Ring Deiodinating Pathway in Killifish

C. García-G., M.C. Jeziorski, C. Valverde-R., A. Orozco

Instituto de Neurobiología, Universidad Nacional Autónoma de México, Campus UNAM-UAQ-Juriquilla, Querétaro, México

Program Number 167 Thyroid Hormone Metabolism Friday/Saturday Poster Sessions

Expression of Type 2 Deiodinase in the Developing Chicken Brain

B. Gereben¹, J. Pachucki², A. Kollár³, Z.S. Liposits¹, C.S. Fekete¹

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Program Number 168 Thyroid Hormone Metabolism Friday/Saturday Poster Sessions

Comparison of the Acute Effects of Dexamethasone on Iodothyronine Deiodinases in Fetal and Postnatal Rats

V.M. Darras, S. Van der Geyten

Laboratory of Comparative Endocrinology, K.U. Leuven, Leuven, Belgium

Program Number 169 Thyroid Hormone Metabolism Friday/Saturday Poster Sessions

Human Type III Deiodinase Expression and Promoter Analysis in Different Cell Lines

M. Kester¹, A. Hernandez², G. Kuiper¹, D. St. Germain², T. Visser¹

¹Department of Internal Medicine, Erasmus Medical Center, Rotterdam, The Netherlands; and ²Departments of Medicine and Physiology, Dartmouth Medical School, Lebanon, New Hampshire, USA

Program Number 170 Thyroid Hormone Metabolism Friday/Saturday Poster Sessions

Thyrotoxicosis from Metastatic Lung Cancer: A Case Report

A. Sadhu, P. Cohan, D. Martinez

University of California-Los Angeles School of Medicine, Los Angeles, California

Program Number 171 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions

Serum Levels and Immunohistochemical Expression of Hepatocyte Growth Factor (HGF) in Hashimoto's Thyroiditis

R. M. Ruggeri¹, S. Sciacchitano^{2,3}, A. Vitale², P. Cardelli², E. Vitarelli⁴, G. Barresi⁴, F. Trimarchi¹, S. Benvenga¹, M. Trovato⁴

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Program Number 172 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions
Prevalence and Determinants of Goiter at Ultrasound in 853 Healthy Adults in German PAPPALON Study
J. Farahati, K. Christ, W. Oing, C. Beiser, S. Kittel, D. Kleditz
Clinic for Nuclear Medicine and Radiation Oncology, Bethesda Essen, Essen, Germany

Program Number 173 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions
Could the Number and Size of Thyroid Nodules Be Considered Predictors of Malignancy?
K. Seidenberger, A.K.M. Bezerra, G.C. Duarte, E.K. Tomimori, G. Medeiros-Neto,
R.Y.A. Camargo
¹Thyroid Unit – Endocrine Division, University of São Paulo Medical School, São
Paulo, Brazil

Program Number 174 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions
Radioactive Iodine (131I) in Multinodular Goiter (MNG) Treatment with the Aid of Recombinant Human TSH (rhTSH, ThyrogenR)
H. Graf¹, C.O. Mesa¹, C.C. Albino²
¹SEMPR, Endocrine Unit, University of Parana, Curitiba, Brazil; and ²IDEM,
Endocrine and Diabetes Institute, Maringa, Brazil

Program Number 175 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions
Fine-Needle Aspiration Biopsy (FNAB) of Thyroid Nodules with Intranodular Vascular Pattern (Pattern III): Different Techniques
C. Cappelli¹, A. Tironi², G. Pelizzari¹, D. Cumetti¹, M. Castellano¹, B. Agosti¹, M.L.
Morassi², E. Gandossi¹, E. Agabiti Rosei¹.
¹Internal Medicine, Section of Endocrinology, and ²II Pathological Anatomy,
University of Brescia, Brescia, Italy

Program Number 176 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions
Bedside-prepared FNAB Slides Are Diagnostic More Often Than Those Made Subsequent to Storage in Preservative Solution
S. Pena¹, A. De Las Morenas², V. Tangpricha¹, S. Lee¹, J.D. Safer¹
¹Section of Endocrinology, Diabetes, and Nutrition, Department of Medicine, and
²Department of Anatomic Pathology, Boston University School of Medicine,
Boston, Massachusetts, USA

Program Number 177 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions
Cardiovascular Safety of rhTSH Administration in Patients with Multinodular Goiter (MNG) Submitted to Ambulatory 131I Treatment Doses
H. Graf¹, C.O.Mesa¹, C.C.Albino²
¹SEMPR, Endocrine Unit, Federal University of Parana, Curitiba, Brazil; and ²IDEM,
Diabetes and Endocrine Institute, Maringa, Brazil

Program Number 178 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions
Dietary Iodine Sufficiency in a Sample of US Schoolchildren
E.N. Pearce¹, M.B. Zimmermann², S.Y. Hess², X. He¹, S. Pino¹, L.E. Braverman¹
¹Section of Endocrinology, Diabetes, and Nutrition, Boston Medical Center and Boston
University School of Medicine, Boston, Massachusetts, USA; and ²Laboratory for
Human Nutrition, Swiss Federal Institute of Technology, Zurich, Switzerland

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Program Number 179 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions

Evaluation of Multinodular Goiter's Thyroid Function

Y. Noguchi¹, I. Tatsuno¹, T. Ban², K. Suyama¹, M. Fuse¹, Y. Saito¹

¹Department of Clinical Cell Biology Chiba University Graduate School of Medicine, Chiba, Japan; and ²Chiba Cancer Society, Chiba, Japan

Program Number 180 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions

The Role of Ultrasound-guided Fine-Needle Aspiration Biopsy in the Evaluation of Thyroid Nodules

A. Uzunkoy¹, I. Ozardali²

Departments of ¹Surgery and ²Pathology, School of Medicine, Harran University, Sanliurfa, Turkey

Program Number 181 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions

Risk of Cancer in Thyroid Nodules with Calcification Detected by Ultrasound

A. Bezerra, K. Seidenberger, G. Duarte, R. Camargo, E. Tomimori, G. Medeiros-Neto

Thyroid Unit of University of São Paulo Medical School, São Paulo, Brazil

Program Number 182 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions

Goiter in Iodine-replete but Malnourished and Iron-deficient Population of India: Truth or Myth?

R. Brahmhatt¹, S. Brahmhatt², C. Eastman², S. Boyages²

¹Pendlebury Clinic, Cardiff, Australia; and ²Western Sydney Area Health Services, Westmead, Australia

Program Number 183 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions

Thyroid Nodular Disease. Preoperative Unrecognized Malignancy: Role-play in Surgical Management

E. Lima-Costa, T. Pimenta, P. Sa-Couto, J. Capela, M. Cardoso, F. Valente, L. Matos-

Lima, M. Cardoso-Oliveira

Hospital de S. Joao - Oporto Medical School, Oporto, Portugal

Program Number 184 Thyroid Nodules and Goiter Friday/Saturday Poster Sessions

Toxic Multinodular Goiter with Extracardiac Extension

R.A. Hijazi, M.A. Habra, M.D. Sharma

Baylor College of Medicine, Houston, Texas, USA

12:00 noon – 1:30 pm **Meet the Professor Luncheon Workshops**

Advance purchase required; admission by ticket only

Experts and specialists in thyroid disease and pathophysiology will present their research and findings in an interactive luncheon workshop.

Magnolia Room

Therapeutic approaches to patients with advanced thyroid cancer

Kenneth Ain

Supported in part by an unrestricted educational grant from Abbott Laboratories

Gulfstream Room

Nongenomic actions of thyroid hormone

Faith and Pepper Davis

Friday, September 19, 2003

Flagler Boardroom

Update on Chernobyl and KI prophylaxis

Lewis E. Braverman

Supported in part by an unrestricted educational grant from Abbott Laboratories

Gulfstream Room

Cytologic analysis of follicular lesions

Yolanda Oertel

Gulfstream Room

New tools in biomedical research: Tissue arrays

Wilma Lingle

Gulfstream Room

Mouse models of TR mutations

Bjorn Vennstrom

Gold Room

Biomarkers in thyroid neoplasia

Norman Eberhardt

Supported by the University of Southern California Thyroid Group Endowment

1:30 pm

Exhibit Hall Closes

Free Afternoon and Evening for Meeting Attendees