

American Thyroid Association (ATA) Spring Symposium
Thyroid Health and the Environment: Threats and Effects
In cooperation with the American Association of Clinical Endocrinologists (AACE)

DRAFT PROGRAM – SUBJECT TO REVISION

Friday, March 24, 2006
Hamilton Crowne Plaza -- 14th and K Streets NW
Washington, DC

MORNING

7:15–8:00 Registration and Continental Breakfast

Introduction

Moderator: **Lewis E. Braverman**

8:00-8:15 Welcome and Introduction-Statement of Goals
Ernest L. Mazzaferri, ATA President and Hossein Gharib, AACE Past President

8:15-8:35 Regulation of Thyroid Function
David S. Cooper

8:35-8:55 Environmental Chemicals Impacting the Thyroid: Targets and Consequences
R. Thomas Zoeller

Iodine and Thyroid Physiology

Moderator: **Joseph Hollowell**

9:00-9:20 National Trends in Iodine Nutrition: Is Everyone Getting Enough?
Elizabeth Pearce

9:20-9:40 Adverse effects of mild-to-moderate iodine deficiency during pregnancy and childhood
Michael Zimmermann

9:20-10:00 Panel Discussion & Questions

10:00-10:20 Refreshment Break

Human Exposure to Perchlorate

Moderator: **Elizabeth Pearce**

10:20-10:40 Biomonitoring Methods for Assessing Exposure to NIS-inhibitors
Benjamin Blount

10:40-11:10 Environmental Perchlorate Exposure during Pregnancy – Effects on Mother and Fetus
John Gibbs

11:10-11:35 Clinical Studies of Exposure to Perchlorate in the United States
Lewis E. Braverman

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11:35-12:00 Panel Discussion & Questions

12:00 – 12:20 Break and Buffet Lunch

12:20-1:00 Luncheon Talk
Thyroid Health and the Environment: Public Health Concerns
Lynn Goldman

AFTERNOON

Environmental Agents and Thyroid Health

Moderator: **Jerrold Heindel**

1:00-1:30 Tobacco Smoke and the Thyroid in Susceptible Populations
Peter Laurberg

1:30-2:00 Nitrates and PCBs: Combined Effects on Thyroid Function
Zofia Radikova

2:00-2:30 Panel Discussion & Questions

2:30-2:45 Refreshment Break

Effects of Radiation on the Thyroid

Moderator: **Michael D. Shelby**

2:45-3:15 Radiation Exposure and Thyroid Cancer: Epidemiological Studies
Elaine Ron

3:15-3:35 Radiation Induced Gene Mutations and the Development of Thyroid Cancer
Yuri Nikiforov

3:35-4:00 Role of Radiation in Autoimmune Thyroid Disease
Aldo Pinchera

4:00-4:25 Questions and Discussion

Future Directions

Moderator: **R. Thomas Zoeller**

4:25-4:45 Thyroid and the Environment --
Key Areas for Study and Research
Gregory A. Brent

4:45 Summary and Recommendations

5:00 Complete and Return the Evaluation and CME Credit Report Forms