

RESEARCH SUMMIT ON THYROID HORMONES AND METABOLIC CONTROL
Thursday, March 27, 2008 – Washington DC

The summit will bring together scientists in the Thyroid and metabolism community and officials of the NIDDK with the goal of fostering research in the areas related to thyroid hormone and its effects on metabolic control. The format will include presentations and discussions by scientists working in this area. Presentations will focus on emerging and relevant areas of thyroid and metabolic pathophysiology that will directly benefit from NIDDK funding.

GOAL: To provide information and updates on the current state-of-the-art of research in thyroid hormones and metabolic control.

PROGRAM

12:00 → 12:05	Welcome	Antonio Bianco
12:05 → 12:30	Thyroid Hormones: The Original Link Between Transcription and Metabolism	Mitch Lazar

REGULATION AND DYSREGULATION OF THYROID HORMONE SIGNALING

CHAIR: RON MARGOLIS AND P. REED LARSEN

12:30 → 12:45	Thyroid Hormone Signaling	Douglas Forrest
12:45 → 13:00	Central regulation of the thyroid axis: regulation of energy balance	Tony Hollenberg
13:00 → 13:15	Insulin resistance and thyroid hormone signaling	Mary-Elisabeth Patti
13:15 → 13:25	<u>Discussion</u>	

DEIODINATION AND METABOLIC RATE IN HEALTH AND DISEASE

CHAIR: IRWIN KLEIN

13:30 → 13:45	Dio2, energy expenditure, oxidative stress and insulin resistance	Antonio Bianco
13:45 → 14:00	Dio3, hypoxia, injury and illness	Stephen Huang
14:00 → 14:15	In vivo studies on the activation of thyroid hormones	Francesco Celi
14:15 → 14:25	<u>Discussion</u>	

- 20 min break -

THYROID HORMONE RECEPTOR ISOFORMS AND METABOLIC CONTROL

CHAIR: JACK ROBBINS AND YUN-BO SHI

14:45 → 15:00	Thyroid hormone modulation of metabolic pathways	Gregory Brent
15:00 → 15:15	TR isoforms in the control of lipid and carbohydrate metabolism	Jacques Samarut
15:15 → 15:30	Control of adipogenesis by TR isoforms	Sheue-yann Cheng
15:30 → 15:45	The TR alpha 1 aporeceptor and control of metabolism	Bjorn Vennstrom
15:45 → 16:00	<u>Discussion</u>	

METABOLIC CONTROL AND THYROID HORMONE ANALOGUES/METABOLITES

CHAIR: MARVIN GERSHENGORN

16:05 → 16:20	Thyroid hormone analogues and thyronamines	Thomas Scanlan
16:20 → 16:35	Uses of thyroid hormone analogues	Paul Webb
16:35 → 16:45	<u>Discussion</u>	