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Supplement—Assessing Iodine Intake, Iodine Status, and the Effects of Maternal Iodine Supplementation

- 859S Assessing iodine intake, iodine status, and the effects of maternal iodine supplementation: introduction to articles arising from 3 workshops held by the NIH Office of Dietary Supplements. *AG Ershow, G Goodman, PM Coates, and CA Swanson*

Workshop 1—Assessment of Iodine Intake: Foods and Supplements

- 864S FDA regulations regarding iodine addition to foods and labeling of foods containing added iodine. *PR Trumbo*
- 868S Iodine in food- and dietary supplement–composition databases. *PR Pehrsson, KY Patterson, JH Spungen, MS Wirtz, KW Andrews, JT Dwyer, and CA Swanson*
- 877S Variation in the iodine concentrations of foods: considerations for dietary assessment. *AL Carriquiry, JH Spungen, SP Murphy, PR Pehrsson, JT Dwyer, WY Juan, and MS Wirtz*
- 888S Comparison of 2 methods for estimating the prevalences of inadequate and excessive iodine intakes. *WY Juan, PR Trumbo, JH Spungen, JT Dwyer, AL Carriquiry, TP Zimmerman, CA Swanson, and SP Murphy*

Workshop 2—Assessment of Iodine Status: Analytical Methods and Quality Control

- 898S Urinary iodine, thyroid function, and thyroglobulin as biomarkers of iodine status. *EN Pearce and KL Caldwell*
- 902S Development of Standard Reference Materials to support assessment of iodine status for nutritional and public health purposes. *SE Long, BL Catron, ASP Boggs, SSC Tai, and SA Wise*
- 907S Current practices and challenges in the standardization and harmonization of clinical laboratory tests. *HW Vesper, GL Myers, and WG Miller*
- 913S Progress in standardizing and harmonizing thyroid function tests. *JD Faix and WG Miller*

Workshop 3—Maternal Iodine Supplementation: Clinical Trials and Assessment of Outcomes

- 918S Consequences of iodine deficiency and excess in pregnant women: an overview of current knowns and unknowns. *EN Pearce, JH Lazarus, R Moreno-Reyes, and MB Zimmermann*
- 924S Statistical design considerations applicable to clinical trials of iodine supplementation in pregnant women who may be mildly iodine deficient. *JF Troendle*
- 928S Assessing infant cognitive development after prenatal iodine supplementation. *MA Bell, AP Ross, and G Goodman*
- 935S Suggested use of sensitive measures of memory to detect functional effects of maternal iodine supplementation on hippocampal development. *PJ Bauer and JA Dugan*

Summary

- 941S Research needs for assessing iodine intake, iodine status, and the effects of maternal iodine supplementation. *AG Ershow, G Goodman, PM Coates, and CA Swanson*