



## Agenda — Day 1

**8:00 A.M.**      **CONVENE**

**Chair's Welcome**

Chair, *Patrick Stover* — Cornell University

**Office of Dietary Supplements (ODS) Welcome**

*Paul Coates* — ODS, National Institutes of Health (NIH)

**Workshop Context and Focus**

*Christine Taylor* — ODS, NIH

**U.S. Preventive Services Task Force (USPSTF) Reports — Data Gaps  
Identified for Iron Screening and Supplementation**

*Alex Kemper* — USPSTF, Duke University

**Session 1: Relevant Biological Underpinnings**

Moderator: *Catharine Ross* — Penn State University

**8:50 A.M.**      **1.1 Current Understanding of Iron Homeostasis: Findings from Humans  
and Animal Models**

*Greg Anderson* — QIMR Berghofer Medical Research Institute

**1.2 How Does Iron Homeostasis Change for Pregnant Women?**

*Elizabeta Nemeth* — UCLA Center for Iron Disorders and Intrinsic  
LifeSciences

**1.3 How Does Iron Homeostasis Change for Infants and Young Children?**

*Bo Lönnerdal* — University of California, Davis

**1.4 Current Understandings about Chronic and Acute Inflammatory  
Response**

*Catharine Ross* — Penn State University

**BREAK**

**1.5 Structured Panel: Perspectives on the Biological Underpinnings  
Surrounding Iron Homeostasis**

*Michael Georgieff* — University of Minnesota

*Victor Gordeuk* — University of Illinois

*Kathryn Dewey* — University of California, Davis

*Marianne Wessling-Resnick* — Harvard University

**Open Mic Discussion with Audience**

**12:00 NOON**      **LUNCH**



**Session 2: What Are the Challenges in Measuring and Screening for Iron Status?**

Moderator: *Christine Taylor* — ODS, NIH

- 1:00 P.M.**
- 2.1 Laboratory Methodologies for Measures of Iron Status: Strengths, Limitations, and Analytical Challenges**  
*Christine Pfeiffer* — Centers for Disease Control and Prevention (CDC)
  - 2.2 Perspectives from a Clinical Laboratory**  
*Andy Hoofnagle* — University of Washington
  - 2.3 Emerging Understanding and Measurement of Plasma Volume Expansion**  
*Laura Vricella* — Saint Louis University
  - 2.4 Assessment of Iron Status in Settings of Inflammation: Challenges and Potential Approaches**  
*Parminder Suchdev* — Emory University
  - 2.5 How Strong is the Evidence for Iron Status Cut Points for Pregnant Women and Young Children, and What Do We Need to Know?**  
*Sant-Rayn Pasricha* — University of Oxford
  - 2.6 Structured Panel: What Are the Key Considerations for Iron Measurement and Status Screening for Pregnant Women and Young Children in Developed Countries?**  
*Michael Georgieff* — University of Minnesota  
*Nancy Krebs* — University of Colorado

**Open Mic Discussion with Audience**

**BREAK**

**Session 3: Iron Status of Pregnant Women and Young Children in Developed Countries**

Moderator: *Paul Coates* — ODS, NIH

- 4:00 P.M.**
- 3.1 Iron Status in Developed Countries: Prevalence of Iron Adequacy and Inadequacy from the National Health and Nutrition Examination Survey (NHANES) for Pregnant Women, Young Children, and Non-Pregnant Women**  
*Zuguo Mei* — CDC
  - 3.2 Iron Status of Pregnant Women in Developed Countries: Other Evidence for the United States and Canada**  
*Kimberly O'Brien* — Cornell University
  - 3.3 Iron Status of Pregnant Women in Developed Countries: Europe**  
*Nils Milman* — University of Copenhagen
  - 3.4 Iron Status of Young Children in Developed Countries: Europe**  
*Liandr  Van der Merwe* — Nutricia Research

**Questions for Speakers and Open Mic Discussion with Audience**

**Chair Wrap-up for Day 1**

*Patrick Stover* — Cornell University

**5:15 P.M. ADJOURN**



## Agenda — Day 2

### Session 4: **Emerging Concerns: Supplementation in Iron-replete Pregnant Women and Young Children**

Moderator: *Patsy Brannon* — Cornell University

- 8:00 A.M.**
- 4.1 Iron Status and Gestational Diabetes**  
*Cuilin Zhang* — National Institute of Child Health and Human Development (NICHD), NIH
  - 4.2 Iron Status as a Factor in Growth, Infections, and Development of Infants and Young Children**  
*Bo Lönnerdal* — University of California, Davis
  - 4.3 Infant Iron Status and Gut Microbiome**  
*Michael Zimmermann* — ETH Zürich
  - 4.4 U-Shaped Curve for Risk Associated with Iron Supplementation**  
*Kathryn Dewey* — University of California, Davis
  - 4.5 Open Panel: Consideration of Emerging Concerns in Supplementing Iron-replete Pregnant Women and Young Children**  
*Gary Brittenham* — Columbia University  
*Kevin Cockell* — Health Canada  
*Nancy Krebs* — University of Colorado  
*Sant-Rayn Pasricha* — University of Oxford

### Open Mic Discussion with Audience

### BREAK

### Session 5: **Resolving Issues and Next Steps**

Moderator: *Patrick Stover* — Cornell University

- 10:35 am**
- 5.1 Integrating New Understandings and Challenges**  
*Patsy Brannon* — Cornell University
  - 5.2 Open Panel: Perspectives on Integrating New Understandings and Challenges**  
*Greg Anderson* — QIMR Berghofer Medical Research Institute  
*Naomi Fukagawa* — Human Nutrition Research Center, U.S. Department of Agriculture  
*Elizabeta Nemeth* — UCLA Center for Iron Disorders and Intrinsic LifeSciences  
*Daniel Raiten* — NICHD, NIH  
*Michael Zimmermann* — ETH Zürich



**Session 5: Resolving Issues and Next Steps (continued)**

**5.3 Open Discussion: Key Evidence Needs and Next Steps**

*Douglas Balentine* — Food and Drug Administration

*Gary Brittenham* — Columbia University

*Andy Hoofnagle* — University of Washington

*James McClung* — Military Nutrition Division, U.S. Army Research Institute  
of Environmental Medicine

*Maureen Phipps* — USPSTF, Brown University

*Catharine Ross* — Penn State University

*Cindy Roy* — National Institute of Diabetes and Digestive and Kidney  
Diseases, NIH

Cuilin Zhang — NICHD, NIH

**Open Mic Discussion with Audience**

**Summary of Research Needs**

Chair, *Patrick Stover* — Cornell University

**12:30 P.M. ADJOURN**