



***UNDERSTANDING BIOTRANSFORMATION AND RECOGNIZING TOXICITY:  
EVALUATION AND TREATMENT IN THE FUNCTIONAL MEDICINE MODEL***  
**DECEMBER 4-6, 2009**

**DECEMBER 3, 2009 (THURSDAY)**

7:00–8:00pm	Fundamentals of Functional Medicine: From Organ System Medicine to Systems Biology	David Jones, MD
8:00–9:00pm	Nutrition Status: A Primary Role in Functional Medicine	Diana Noland, MPH, RD, CCN

**DECEMBER 4, 2009 (FRIDAY)**

8:00–8:15	Welcome and Introductions	Dan Lukaczer, ND
8:15–9:00	The Functional Medicine Model, Toxicity, and Biotransformation	Kenneth Bock, MD
9:00–10:30	The Differences Between Classical and Functional Toxicology	Jeanne Drisko, MD
10:30–11:00	<i>Morning Break</i>	
11:00–12:30	The Underlying Processes Involved in Elimination and Biotransformation	Diana Noland, MPH, RD, CCN and Kristi Hughes, ND
12:30– 2:00	<i>Lunch Break</i>	
2:00–3:00	Making the Clinical Connections to Toxicity and Impaired Detoxification	Kenneth Bock, MD
3:00–3:30	Questions and Answers	IFM Faculty
3:30–4:00	<i>Afternoon Break</i>	
4:00–5:00	The Interview as the Door to Discovery	Jeanne Drisko, MD and Kenneth Bock, MD
5:00–6:30	Integrating Assessment Tools into the Work-up of the Toxic Patient	IFM Faculty

**DECEMBER 5, 2009 (SATURDAY)**

8:00–10:00	Toxins, Detoxification, and the Nutritional Assessment	Diana Noland, MPH, RD, CCN and Kristi Hughes, ND
10:00–10:30	<i>Morning Break</i>	
10:30–12:30	Laboratory Assessment of Suspected Toxic Overload	Jeanne Drisko, MD and Kenneth Bock, MD
12:30–2:00	<i>Lunch Break</i>	
2:00–3:00	Questions and Answers	IFM Faculty
3:00–3:30	How to Sequence a Detoxification Program	Kristi Hughes, ND
3:30–4:00	<i>Afternoon Break</i>	
4:00–5:00	Reducing Environmental Exposure to Toxins and Implementing Appropriate Dietary Interventions	Diana Noland, MPH, RD, CCN
5:00–6:30	Optimizing Biotransformation using Nutrition, Botanicals and Hydrotherapy	Diana Noland, MPH, RD, CCN and Kristi Hughes, ND



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**DECEMBER 6, 2009 (SUNDAY)**

8:00–10:00	Mobilizing Toxins: Chelation and Other Strategies	Jeanne Drisko, MD and Kenneth Bock, MD
10:30–11:30	Case Studies in Functional Toxicology	IFM Faculty
11:30 –12:15	Questions and Answers	IFM Faculty
12:15–12:30	Integration and Conclusions	Kenneth Bock, MD