

Defining Animal Nutrition Research Priorities for a Healthy Society



NRSP-9 Spring Summit
Washington D.C., March 25th, 2015

Presented by the National Animal Nutrition Program, NRSP-9



OBJECTIVES

To bring together expertise from a wide range of disciplines to exchange information that will help us identify strengths and gaps in animal nutrition knowledge for optimal human, animal, environmental, and economic health. The program is intended to strengthen the interface among scientists, research program managers, practitioners, and policy makers for an informed, scholarly discussion of the future role of animal nutrition in improving societal health.

FORMAT

The day will be comprised of a keynote address by Dr. Cathie Woteki (USDA), three morning talks on the relevance of animal nutrition research to human and animal health, four afternoon talks on the role of animal nutrition research in environmental and economic health, and a capstone address by Dr. Carlos Saviani (WWF). Panel and group roundtable discussions will be held in both the morning and afternoon. Lunch will be provided for registered attendants.

KEYNOTE

ANIMAL NUTRITION RESEARCH OPPORTUNITIES FOR A HEALTHY SOCIETY



*Dr. Cathie Woteki,
Under Secretary for
Research, Education &
Economics, USDA*

GUIDING QUESTIONS:

- *How does animal agriculture provide benefits to U.S. society?*
- *How does animal nutrition affect human diets?*
- *What role does animal nutrition play in the environment?*
- *How does having healthy food producing animals lead to a healthy society?*
- *Do healthier animals produce foods that are safer for consumers?*

CAPSTONE

ANIMAL NUTRITION RESEARCH PRIORITIES FOR IMPROVED SOCIETAL HEALTH



*Dr. Carlos Saviani,
Vice President, Animal
Protein, WWF*

GUIDING QUESTIONS:

- *What are the top ten research priorities to improve animal usefulness in the food production system?*
- *Why are these priorities essential?*
- *What are the top ten societal needs from animal food production systems?*
- *How can animal nutrition research help ensure these societal needs are met?*

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HUMAN AND ANIMAL HEALTH



ANIMAL NUTRITION AS A FACTOR IN FARM ANIMAL HEALTH AND WELFARE

Dr. Dan Thompson

Jones Professor of Production Medicine and Epidemiology and Director of Beef Cattle Institute at Kansas State University College of Veterinary Medicine

ANIMAL NUTRITION RESEARCH OPPORTUNITIES TO IMPROVE ANIMAL HEALTH

Dr. Marcus Kehrli

Director of the National Animal Disease Center, USDA, ARS

ANIMAL NUTRITION RESEARCH OPPORTUNITIES TO IMPROVE HUMAN HEALTH

Dr. Teresa Davis

Professor, Baylor College of Medicine

TRENDS, ISSUES, CURRENT TOPICS AND PRACTICAL CONSIDERATIONS IN SUSTAINABLE U.S. LIVESTOCK PRODUCTION

Dr. Roger Cady

Global Sustainability Lead, Elanco Scientific Affairs Team

ANIMAL NUTRITION RESEARCH CONTRIBUTIONS TO GLOBAL ENVIRONMENTAL HEALTH

Dr. Mario Ferrero

Chief Research Scientist, Food Systems and the Environment, Commonwealth Scientific and Industrial Research Organization

ECONOMICS OF REDUCING ENVIRONMENTAL IMPACT AND DOWNSTREAM EFFECTS FROM FARM TO FOOD

Dr. Mark Rosegrant

Director, Environmental and Production Technology Division, International Food Policy Research Institute

NUTRIGENOMIC APPLICATIONS FOR IMPROVING LIVESTOCK SUSTAINABILITY

Dr. James Womack

Distinguished Professor at Texas A&M University, W.P. Luse Professor of Pathobiology in the Texas A&M College of Veterinary Medicine

ENVIRONMENTAL AND ECONOMIC HEALTH

