Conclusions : Analysis and Utilization Session

Chaired by Dr. J.P. Wathelet and Dr. J.K. Daun

The session consisted of the following presentations:

Why Does Anyone Need High Oleic Canola?
Dr. Willie Loh, Cargill Limited, Minneapolis USA

The potential of supercritical extraction to produce specialty oil and meal products from Canola
Dr. Feral Temelli (University of Alberta, Edmonton, Canada)

The Synthesis of Fatty Acid Esters, for use as Biodiesel Fuel, Directly from Rapeseed
Dr. Michael J. Haas (USDA, ERRC Philadelphia, USA)

Biodiesel, analytical aspects
Dr. Florence Lacoste, ITERG, Pessac, France

Canola Proteins. The proteins of tomorrow
Dr. Martin Schweizer, Burcon Nutraceuticals, Winnipeg, Canada

Progress in standardization for glucosinolates analysis
Dr. Alain Quinsac, CETIOM, Pessac, France

The overall theme of the session reflected on changes in the canola and rapeseed industry. Dr. Loh helped to summarize this theme by pointing out that the food industry is in the midst of a change from product driven to consumer economics with nutrition becoming a major driving force. Dr. Temelli discussed new ways to process seed in order to derive nutritionally beneficial products without the use of harmful solvents and Dr. Schweizer talked about the development of canola proteins, value-added products for the food industry. The increasing use of canola and rapeseed in the production of biodiesel fuels including a novel method for production with rapeseed being noted as difficult to process. Dr. LaCoste reminded us all of the importance of using the appropriate analytical methodology in the biodiesel area, in particular in connection with rapidly changing specifications. Finally Dr. Quinsac looked at methods for determination of glucosinolates, something we usually take for granted. He pointed out that the increased usage of rapeseed and canola in food leads to need to develop these methods to become even more reliable and sensitive.