

## Editorial news and events

### Conference Reports

An international conference on the "Biological Basis of Farm Animal Nutrition" was held in the Institute of Agriculture and Animal Biology, Ukrainian Academy of Agricultural Science, Lviv, Ukraine from 16 to 18 September 1998. The conference was attended by 183 scientists from 26 research institutes, universities and colleges from the Ukraine, Poland, and Russia. The main topics of the conference were:

- new approaches in ruminant nutrition influencing their productivity;
- substrate and hormonal mechanisms regulating nutrient transformation into animal products;
- energy, protein, vitamins and minerals in cattle, pig, and poultry nutrition;
- scientific and practical ways of improving feed utilization in animal nutrition.

Modern systems of high yielding cow and beef cattle nutrition, influence of various levels of sugar, starch, fibre, degradable and undegradable proteins on rumen fermentation processes and bacterial protein synthesis were discussed. Among the presented topics were amino acid utilization for protein synthesis and as energy substrates, glucose and lipid synthesis in digestive tract mucosa, liver, skeletal muscle and cattle udder, as well as hormonal regulatory mechanisms. The specifics of digestion and metabolism in cattle, pigs and poultry depending on feeding system were considered. It was indicated that the use of new sources of vitamins, vitamin and mineral preparations, is highly effective in animal feeding.

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The Satellite Symposium to the 49<sup>th</sup> Annual Meeting of the European Association of Animal Production on "Feed-additives in nutrition of new-born and young animals" was held at Jabłonna, Poland, 22 to 23 August 1998.

Thirteen invited papers and 21 communications have been published in the *Journal of Animal and Feed Sciences*, Vol.7, Supplement 1, 1998 (ISSN 1230-1388). This Supplement is available from the Kielanowski Institute of Animal Physiology and Nutrition, 05-110 Jabłonna, Poland.

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