

Current trend for Application of Traditional Asian and European Herbal Medicine in the European Union (EU)

Bacowsky H., Gupte S.S., Dickie M.B.

Saiyaku Herbs Austria

In the past ten years an increasing tendency of using traditional Asian and European herbal medicine especially in human medicine, but also in veterinary medicine, can be noticed.

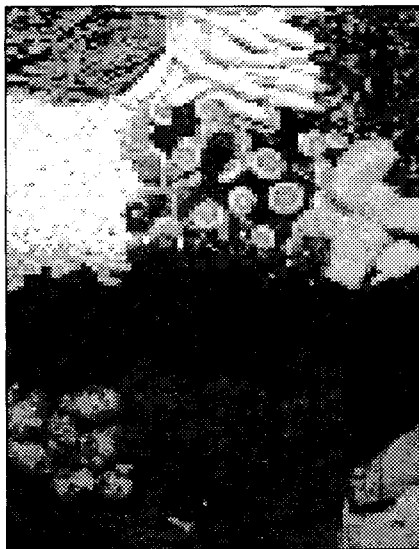
Some examples for use in human medicine are listed: additive cancer therapy, immunomodulation, fatigue-syndrom, dermatological disorders like allergic skin problems, neurodermitis, disorders of the stomach, dysfunction of the intestine, gynaecological problems like dysmenorrhea, others.

A summary of traditional medical systems is shown in table 1:

Traditional Medical Systems Different Languages & Technical Terms Basically ONE Root

- | | |
|----------------------|---|
| ■ India: Ayurveda | ■ 5 Elements |
| ■ Tibet | ■ 3 Qualities |
| ■ China: TCM | ■ 5 Organs of perception |
| ■ Korea | ■ 5 Organs of action |
| ■ Japan: Kampo | ■ Physical body |
| ■ Persia | ■ Emotional body |
| ■ Egypt | ■ Mental body |
| ■ Europe: | ■ Prana, Ki, Chi, vis vitalis, vital energy |
| ■ Paracelsus | |
| ■ Hildegard v.Bingen | |
| ■ others | |

Efficacy & Mechanism of Action



Efficacy and pharmacological actions are studied

- empirical
- clinical trials
- animal experiments
- cell experiments

Mechanism of action

- animal experiments
- cell experiments

Why should it be of advantage using ancient prescriptions in dealing with various health problems in the veterinary department, especially during mast?

...Scandal in pigmast: Netherlands are sacrificing 10 thousands of pigs because of contamination with illegal hormone drugs... "Bioland, a belgique company producing food for mast has prepared their products from waste of pharmaceuticals mixing it with liquid succrose..."

Major aims of using traditional Medicine in Veterinarian Sciences are:

- 1) Optimising health condition
- 2) Improving Fertility
- 3) Overcoming digestive problems ? diarrhia

Why herbal Nutraceuticals instead of Antibiotics, hormones, chemical pharmaceuticals:

- 1) Optimising the immune-system results in better health of the animals, lowering costs for therapeutics.
- 2) Optimised food-uptake reduces costs
- 3) No contamination of products (meat, milk, eggs) like when using antibiotics etc.
- 4) No waiting time

- 5) Bringing fertility up shortens time without *gravidity*
- 6) Preventing diarrhoea is preventing loss of weight, which reduces immunity that results in recurrent sicknesses which are treated by the use of antibiotics. These are bringing in itself damage to the necessary physiological intestinal bacteria.

Why Herbal Nutraceuticals Instead of Antibiotics, Hormones, Chemicals Pharmaceuticals:

- | | |
|--|--|
| ■ Optimising the immunsystem | |
| Optimising fooduptake | ■ Results in better health of the animals |
| ■ Prevention of | |
| ■ diarrhea | ■ minimising costs for therapeutics |
| ■ weight loss | |
| ■ reduced immunity | ■ Reduction of maintenance costs |
| ■ recurrent sicknesses | |
| ■ damage to intestinal bacteria | ■ Minimising expenses for Antibiotics, PHARMAceuticals |
| ■ total loss of animals | |
| ■ Increase in fertility = higher score of reproduction | ■ Optimising profits |
| ■ Shortening the time without pregnancy | |
| ■ No contamination of products (meat, milk, egg) | |
| ■ No residuals | |
| ■ No waiting time | |

Saiyaku-Herbs Austria is using this ancient knowledge, combining it with modern methods of analyses and composing new products suiting the demands of today in veterinary science and human medicine.

During the process of developing these products out of crude drugs, Quality control is a must. Collaborating labs are performing these regular quality checks of the source drugs as well as the finished product according to chemical, physical, biological standards. That is testing is performed for heavy metal residuals, herbicides, pesticides, mycotoxines, bacterial contamination. Tests regarding

toxicity, teratogenity, cancerogenity have been done.

Products of Saiyaku-Herbs Austria are no pharmaceuticals, they are NUTRIceuticals. A Nutriceutical is a product which is added to the daily fodder to prevent deterioration of the animals health. A healthy animal will not acquire any kind of sickness, so one is not in need to use pharmaceutical drugs to cure.

NUTRIceuticals are composed solely out of natural resources of herbal origin with no chemical preservatives added.

Advantages using traditional herbal medicine:

- no problems with residuals
- no waiting
- no adverse effects
- no problem using it together with pharmaceuticals, should a pharmaceutical therapy be necessary

Summery:

Because of stricter goverment regulations concerning contamination of meat by pharmaceuticals, chemicals and a general growing sensibility of the public, customers habits are switching and farmers and vets are looking more and more for alternatives to cope with these rising demands. The trend of using Nutriceutical products, composed by using the knowledge of traditional herbal medicine systems is growing in the European Union faster now than it happened 10 years ago and this upward trend will be much stronger in the future.

Dr.med.univ. et Dr. med.vet., PhD

Bacowsky Helmut

Saiyaku Herbs Austria

Nordwestbahnstr. 101/2/1

A-1200 Vienna

Austria / Europe

saiyaku@saiyaku.com

www.saiyaku.com