

**8ICP Workshop 4:
VACCINATION AGAINST PARATUBERCULOSIS**

Organised by Geart Benedictus
9.00-12.30, Thursday August 18 2005

Participation in the 8ICP workshops is FREE

Till this very moment there are no successful eradication programs. Control programs are often applied without evidence based or proven efficacy. Most of the research on paratuberculosis is focused on improving diagnostic techniques. Vaccination as a tool for the control of paratuberculosis is not widely accepted. The main drawback for vaccination is the interference with tuberculosis control and that it does not completely protects from infection and therefore that vaccination alone cannot lead to eradication of MAP on a farm. The experiences in Brittany and Iceland confirm this.

Nevertheless, vaccination is very successful in reducing the number of clinical cases in a herd or a flock. Management procedures to prevent infections with MAP are often not applicable on farms with goats, sheep, deer, beef cattle and large scale dairy farms.

We will have three excellent speakers:

- Dr. Peter Anderson: The (im)possibilities of vaccination of cattle against paratuberculosis
- Dr. Murray E. Hines II: Role of vaccination in Johne`s Disease
- Dr. Ad Koets: Vaccination and control of paratuberculosis

In the workshop we can have a discussion about the following propositions:

- 1) Vaccination is a necessary tool for the control of JD
- 2) We need better vaccines
- 3) We need a uniform protocol for evaluating the effectiveness of vaccine
- 4) The attitude of researchers and policymakers to use vaccination as a tool in the control of JD must change
- 5) Vaccination is time and cost effective in reducing the bacterial load of (potential) human food with MAP.