



# The 4<sup>th</sup> Leading Seminar

Date: 3<sup>rd</sup> of December 2012 (12月3日), 12:50 – 15:00

Venue: Lecture Hall (講堂)

Title:

## International Issues and the Role of Veterinarians

Lecturer: **Prof. Yasuhiro YOSHIKAWA**

Vice President, Professor of Dept. of  
Animal Risk Management, Chiba Institute of Science



### 《Profile》

1971 B.A. in agriculture, Tokyo University  
1973 Master of Philosophy in agriculture (veterinary), Tokyo University  
1976 Doctor of Philosophy in agriculture, Tokyo University  
1976 National Institute of Health  
1977 Giessen University  
1980 The Institute of medical science, Tokyo University  
1991 National Institute of Health  
1997 Professor of Graduated School of Agricultural and Life Science, Tokyo University  
2010 Professor of School of Veterinary Medicine, Kitasato University  
2012 Vice President, Professor of Dept. of Animal Risk Management, Chiba Institute of Science

### 《Abstract》

There are many international issues to be overcome in the 21st century. That is reduction of environmental pollution, prevention of global warming, and retention of biodiversity. There is a problem of eco-health, which includes soil, water, and air required for the survival of the human being. In addition, there is a serious problem of the exploded population growth, food crisis, and energy crisis mainly in developing countries. Stable and safety food supply (food safety and food security), elimination of poverty and hunger are an important pressing problem.

## Schedule:

- Lecture: 12:50 – 13:50 at lecture hall.
- Discussion time: 14:00-15:00 at meeting room

※学部生の参加も歓迎します。奮ってご参加ください。



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However, it is not a problem that can be solved easily, even if globalization through international cooperation is implemented. Because, complex factors such as differences of religion and culture, economic disparities, and differences in social systems are involved.

In order to international coordination, it is ideal that there is one international standard (global standard). However, the world is consisting of more than 200 heterogeneous countries. In reality, if there were no double or triple standards, it is impossible going work successfully. To ensure stable trade regime of biological resources including food, there is a need for active coordination by experts. They are intellectual veterinarians who understand a common system of quarantine and disease evaluation for safety.

Moreover, environmental degradation, food crisis, large-scale disasters and social disorder cause to induction of the emerging and re-emerging infectious diseases. Epidemic of zoonotic disease (zoonosis) has become a common threat for the international community today. In order to provide experts for these various problems, there is a need for development of veterinarians with the international perspective. For stable and safe food production such as livestock products and aquatic products, veterinary skills are required for disease control. To ensure the food safety for international trade (food safety) and to defend people from aguro-terrorism or bioterrorism which aim to vandalism against the safety system (food defense), veterinarians working in such quarantine station is standing on the front line. Both investigation and quarantine of infectious diseases of animal origin are also the role of veterinarians. Those activities of veterinarians are expected as a cockatoo for the wildlife, livestock and human health. The health is closely related to each other (One health).

In this current situation, veterinarian is being asked in each country to confront the international issues of Century 21. The OIE (World Organization for Animal Health: WOA) is headquarter of the veterinary international organization. The OIE is announcing the education program (core curriculum) for rearing new international veterinarians, and also providing evaluation system of performance for improved veterinary services (Performance of Veterinary Service, Gap Analysis). We have to promote their activities.

Memo

