



### About the WAAVP-Bayer Award

The WAAVP-Bayer Award is presented for outstanding research contributions to the field of veterinary parasitology.

Bayer Animal Health, in cooperation with the Executive Committee of the WAAVP presents this award to encourage the successful future of veterinary parasitology.

The WAAVP-Bayer Award winner is selected by an independent WAAVP committee. The award consists of recognition of the award and a 10,000 € prize and is presented at the biennial WAAVP International Conference.

### Previous Awards

#### Research

- 1993 James Armour
- 1995 Jitender P Dubey
- 1997 Maxwell Murray
- 1999 Desmond Hennessy
- 2001 Roger Prichard
- 2003 Peter Waller
- 2005 RC Andrew Thompson
- 2009 Robin Gasser
- 2011 Jozef Vercruyssen
- 2013 Richard Wall
- 2015 Carlos E. Lanusse



**Science For A Better Life**

Bayer Animal Health GmbH  
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Germany



In conjunction with 53<sup>rd</sup> MSPTM Annual Conference

**WAAVP-BAYER AWARD**  
**FOR EXCELLENCE IN RESEARCH**  
**IN VETERINARY PARASITOLOGY**

**2017**

# 2017



**Professor Dr. med. vet. FVH, EVPC  
Peter Deplazes**

**2017 WAAVP-Bayer Award  
recipient for  
Excellence in Research  
in Veterinary Parasitology**

## The Committee Decision

Professor Dr. med. vet. FVH, EVPC Peter Deplazes, a member of WAAVP for over 36 years, is the Director of the Institute of Parasitology at the University of Zürich (IPZ), Switzerland. His personal research interests focus on zoonoses, but also include other parasitic infections/infestations of veterinary or medical relevance.

Peter Deplazes has made many outstanding and original scientific contributions. Between 1988–2016 he published 284 scientific papers as author or co-author in peer-reviewed journals and, in addition, 30 contributions to books, including substantial parts of several text books. Many of his publications reflect excellent teamwork as well as international cooperation and indicate that he and his co-authors successfully employed a wide range of research methods

including parasitological, epidemiological, clinical, immunological and molecular-genetic techniques. Approximately 40 % of his publications concern taeniid cestode infections, predominantly with echinococcosis. Major achievements include the development of reliable molecular techniques for detecting copro-antigens and copro-DNA in carnivores with intestinal *Taenia* spp. or *Echinococcus* spp. infections. Furthermore, based on experimental studies, the reproduction potential of *E. multilocularis* in different potential definitive hosts has been elucidated, resulting in important information for the development of recommendations for treatment of dogs and cats. Epidemiological studies revealed for the first time that wildlife-cycles of *E. multilocularis* exist in European cities — involving foxes as defin-

itive hosts and rodents as intermediate hosts — posing an infection risk for the urban human population. Further studies provided basic data on the extent of invasion of urban areas by foxes, their habitats and living conditions. Many further epidemiological studies of his research group deal with the prevalence and distribution of *E. multilocularis* in wild and domestic carnivores, intermediate and aberrant hosts and with various epidemiological key factors. He has also worked extensively with *Microsporidia* and *Cryptosporidium*. Peter Deplazes is a respected personality with excellent leadership qualities, a scientist with superb international reputation and expertise in many fields of veterinary and medical parasitology, combined with exceptional broad knowledge and direct experience with classical

and modern research methods. By his creativity and excellence, he has been able to attract considerable research grants, to promote research groups in the IPZ, as well interdisciplinary and international cooperation. He is a leading authority in echinococcosis research, with remarkable scientific output in other fields of research on zoonotic and non-zoonotic parasitic diseases. He has great merits in the field of education, as documented by his activities in preparing textbooks. „Translational Research“ with the goal to improve the global healthcare system and to promote the „One Health“ concept is a special concern to him.

