

B-THENET ADVISORY BOARD MEMBERS

1. Andrea Györffy – Foreign Affairs Unit at the Hungarian Chamber of Agriculture

Andrea Györffy is the Head of Foreign Affairs Unit at the Hungarian Chamber of Agriculture (NAK), the only agrifood advocacy body in Hungary having almost 400,000 members (out of which 2/3 are farmers/primary producers and 1/3 are food business operators). NAK is a member of both COPA-COGECA and the World Farmers' Organisation (WFO). At NAK, Andrea Györffy is responsible for keeping contact with diplomatic missions, with international organizations including COPA-COGECA, WFO and rural advisory fora, as well as with EU chambers of agriculture. She oversees the managing and implementing of international projects in which NAK is a consortium member. She is a national representative to four Standing Committee on Agricultural Research (SCAR) working groups as well as to the Central and Eastern European BIOEAST initiative, while she coordinates the respective national mirror groups and gives advice to national policy making. She is an expert of NAK and a contact person to national and international public institutions in the field of research & innovation, animal health & welfare and food systems. She has been working in veterinary research and innovation, international coordination, and knowledge management for 20 years. Her academic qualifications in Veterinary Medicine (DVM and PhD degrees) along with her extensive experience in collaborating with partners from national and EU research, innovation, higher education and agrifood communities have led her to her current role in driving the development of foreign affairs, innovation, and export promotion at NAK.

2. Marion Laurent - European Reference Laboratory for Bee Health

Marion Laurent currently works at the European Union Reference Laboratory for Bee Health at Anses (Agence Nationale de Sécurité Sanitaire de l'Alimentation, de l'Environnement et du Travail) in Sophia-Antipolis, France . Marion does research in Epidemiology. She was involved in the coordination of the 'EPILOBEE project.'

3. Marc Schäfer - National Reference Laboratory for Bee Diseases Friedrich- Loeffler-Institute

I started to work with honey bees about 20 years ago and gathered experience in the field and in the laboratory in Germany, Switzerland, South Africa, Australia and USA. Since 2010 I am the head of the reference laboratory for bee diseases at the Friedrich-Loeffler-Institute in Germany and since 2017 I am a designated expert of the OIE Reference Laboratories for American foulbrood of honey bees, Small hive beetle infestation (*Aethina tumida*) and Varroosis of honey bees.

4. Alberto Contessi - President of the National Honey Observatory and coordinator of the Technical Board of the National Apiculture / Agriculture Agreement.

Alberto Contessi is a biologist, specialized in phytopathology and expert in food insects and beekeeping. For ten years he directed the Plant Protection Service of the Emilia-Romagna Region. A beekeeper himself, for over forty years he has been involved in beekeeping in its organizational, educational, scientific and promotional aspects.

Author of over 100 publications and 31 scientific papers. He is the author of the beekeeping treatise "*Le Api - Biologia, allevamento, prodotti*", now in its fourth edition and seventh reprint updated in 2021, he is co-author of a treatise on bee diseases "*Malattie delle api e salute degli alveari*", published in 2018.

He currently works full-time in beekeeping, he is editor-in-chief of the monthly beekeeping regional magazine "*Notiziario dell'Apicoltore*", he is President of the National Honey Observatory and coordinator of the Technical Board of the National Apiculture / Agriculture Agreement.

5. Francesco Proscia - Senior policy officer at the Federation of Veterinarians of Europe.

20 years of experience in: veterinary public health, livestock farming (small and large ruminants), project management and risk communication, dairy products quality assurance and control, EU policy making and regulatory affairs on veterinary public health, animal health & welfare, sustainable livestock farming, beekeeping practices, veterinary curriculum and diplomas recognition across the EU, communication and social media.

6. Franco Mutinelli - Animal Experimentation and Welfare Division and of the Diagnostic Services Histopathology and Parasitology Department of the Istituto Zooprofilattico Sperimentale delle Venezie, Legnaro (Padova), Italy.

Franco Mutinelli is a veterinarian with expertise in animal pathology in charge of the Italian National Reference Laboratory for honey bee health assigned to a State Veterinary Institute in Venice.

Graduated at the School of Veterinary Medicine of the University of Bologna (Italy) in 1983, obtained the Diploma of the European College of Veterinary Pathologists (ECVP) in 1998 and an Executive Master for management of health authorities from the School of Business Administration of the Bocconi University (Milan) in 2006.

He is currently head of the Animal Experimentation and Welfare Division and of the Diagnostic Services Histopathology and Parasitology Department of the Istituto Zooprofilattico Sperimentale delle Venezie, Legnaro (Padova), Italy.

He is in charge of the Italian National Reference Laboratory for honey bee health and of the FAO Reference Centre for apiculture: health and biosecurity, the latter shared with Istituto Zooprofilattico Sperimentale del Lazio e della Toscana.

His expertise concerns animal pathology, diagnosis and control of honey bee diseases, pathogens and pests, honey bee killing incidents, legislation on beekeeping, bee products and trade.

He is member of the Coloss Association and honorary member of the Italian Veterinary Association for Beekeeping.

7. Peter Neumann - Director Institute of Bee Health, Vetsuisse Faculty, University of Bern.

His research and teaching covers all aspects of bee health with focus on behavioural, evolutionary and molecular ecology of honey bees and their pathogens.

2015-2019: Adjunct Professor, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand; Research on ectoparasitic mites *Tropilaelaps* spp. and *Varroa* spp.; Teaching biologists

2015-2018: Chair of the research consortium "European honey bees surviving *Varroa destructor* by means of natural selection" that is comprised of eight research institutes from Belgium, France, Germany, Norway, Sweden, Switzerland and The Netherlands; Management

2014-2018: Vice Chair of COST Action FA1307 SUPER-B (Sustainable Pollination in Europe: joint research on Bees and other pollinators);

Since 2013: President of the COLOSS association (www.coloss.org) (prevention of honey bee COLony LOSSes) that is currently comprised of >1500 members from >100 countries;

Since 2013: Extraordinary Professor, Department of Zoology and Entomology, University of Pretoria, South Africa; Research on ectoparasitic mites *Varroa destructor* and small hive beetles (*Aethina tumida*, Coleoptera: Nitidulidae); Teaching biologists

Since 2013: Foundation Vinetum Professor of Bee Health, Director Institute of Bee Health, Vetsuisse Faculty, University of Bern, Bern, Switzerland; Research on bee health with a focus on honey bee pathology; Teaching veterinarians and biologists; Extension to stakeholders; Management

2012-2017: Vice President of the Apimondia Scientific Commission Biology

2008-2013: Chair and Grant holder of COST Action FA0803 COLOSS (prevention of honey bee Colony LOSSes); Management

2009-2012: Senior Research Scientist, Swiss Bee Research Centre, Agroscope, Bern, Switzerland; Research on honey bee pathology (80%) and extension work (20%)

2009-2012: Head of Bee Pathology Section, Swiss Bee Research Centre, Agroscope, Bern, Switzerland; Management of the group, coordination with stakeholders in bee health (beekeepers, veterinarians, industry, etc.)

2007-2012: Venia docendi in Zoology (Privatdozent), particularly in Evolutionary and Behavioral Ecology, Institute of Ecology and Evolution, University of Bern, Bern, Switzerland

2006-2009: Research Scientist, Swiss Bee Research Centre, Agroscope, Bern, Switzerland, Research on honey bee pathology with focus on applied aspects (70%) and extension work (30%)

2005-2006: Chair of the DUKAT network (Diagnosie und Kontrolle von *Aethina Tumida*) with seven research institutes from Australia, Germany, South Africa and USA, Department of Zoology, MLU Halle-Wittenberg, Halle (Saale), Germany; Management and Research on diagnostics and control of small hive beetles

2004-2005: Professor per procurationem (Vertretungsprofessur) for Evolutionary Biology and Biodiversity of Animals, Department of Zoology, MLU Halle-Wittenberg, Halle (Saale), Germany; teaching biologists

2004-2007: Venia docendi in Zoology (Privatdozent), Department of Zoology, MLU Halle-Wittenberg, Halle (Saale), Germany

2001-2005: Independent Junior Research Group leader (Emmy Noether Fellowship) of the Deutsche Forschungsgemeinschaft (DFG), Department of Zoology, MLU Halle-Wittenberg, Halle (Saale), Germany; topic: Social parasitism by laying workers of the Cape honey bee (*Apis mellifera capensis*) and ecology/control of small hive beetles

1999-2001: Postdoctoral Research Fellow, Department of Zoology & Entomology, Rhodes University, Grahamstown, Republic of South Africa, Principal Collaborators: Prof. Dr. HR Hepburn & Prof. Dr. SE Radloff; topics: Behavioral Ecology of Cape honey bees and small hive beetles

1998: Teaching and Research Assistant, Department of Zoology, MLU Halle-Wittenberg, Halle (Saale), Germany in a DFG funded research project, Principal investigator: Prof. Dr. RFA Moritz; research topic: The mating system of honey bees, *Apis mellifera*, and drifting

1995-1998: Teaching and Research Assistant, Department of Ecology & Biology, TU Berlin, Berlin, Germany, in a DFG funded research project, Principal investigator: Prof. Dr. RFA Moritz; research topic: The mating system of honey bees and drifting

1994: Teaching Student Assistant, Department of Biology, TU Berlin, Berlin, Germany

8. Johannes Charlier – Animal health consultant - DISCONTTOOLS project manager.

Johannes Charlier graduated as a veterinarian from Ghent University in 2002.

From 2002 to 2015, he worked first as a doctoral and later senior researcher/research team leader at the Laboratory of Parasitology (Faculty of Veterinary Medicine, Ghent University) where he specialized in the diagnosis, epidemiology and economics of helminth infections in ruminants.

After working as scientific director for Avia-GIS during 2 years, in 2017 he founded the consulting agency Kreavet with the aim to provide scientific support to companies, research/public institutions and professional organizations that are developing sustainable animal health solutions. Since 2007, he is a diplomate member of the European Veterinary Parasitology College. He is (co-)author of > 70 peer-reviewed articles in the field of parasitology and has received 3 scientific prizes for his scientific contributions, including the Peter Nansen Young Scientist Award of the World Association for the Advancement of Veterinary Parasitology (WAAVP). Johannes sits in the board of several scientific organizations and is Editor of BMC Veterinary Research, section Parasitology.

Johannes is also project manager of DISCONTTOOLS, a European project driven by the different stakeholders of animal health to prioritize animal health research for the development of novel diagnostics, vaccines and pharmaceuticals.

9. Besbes, Badi - Senior animal production officer, FAO

Animal Production Officer. Badi is a livestock specialist with 25 years of experience in the management of animal genetic resources with a focus on characterization, animal identification and breeding, on which he has published extensively. He is currently based in FAO-Kenya working on pastoral and agro-pastoral systems. He also has a lot of experience in supporting inter-governmental policy processes.

The Pastoralist Knowledge Hub is formed by pastoralist alliances and networks that wish to join global policy dialogue and share their knowledge and views, and by international partners that wish to incorporate pastoralist voice in their discussions and share the technical knowledge they have gathered on pastoralism.

The Hub is hosted by FAO and combines the organisation's expertise in livestock production with its knowledge on civil society and indigenous peoples.

10. Francois Diaz - Scientific Coordinator of Bee Health and Wildlife of the World Organisation for Animal Health (WOAH).

Scientific Coordinator of Bee Health and Wildlife of the World Organisation for Animal Health, Preparedness and Resilience Department

11. Gerhard Niebauer - Consultant at Naples University, past EAEVE Executive Director.

Professor Gert W. Niebauer graduated in Veterinary Medicine from the University of Vienna, Austria in 1973.

In the same year he was awarded a competition for University Researcher and assistant in surgery at the same Faculty, a role he held until 1983, the year in which he obtained the qualification as a University Professor and obtained a PhD.

From 1982 to 1984 he was Research Fellow at the Faculty of Veterinary Medicine of Philadelphia - University of Pennsylvania - where he continued his academic career first as Resident, then Assistant (1985) and finally Associate Professor (1993) in Surgery (small animals, soft tissue).

At the same university he obtained his Master's Degree, and obtained confirmation of the degree in Veterinary Medicine in the United States (DVM).

In 1993 he obtained the European Diploma from the European College of Veterinary Surgeons (ECVS).

In 2000 he was called and appointed Full Professor at the Faculty of Veterinary Medicine of the University of Vienna, Austria, where he served as Director of the Surgical Clinic and as Vice Rector until 2006.

In 2006, he moved to the Ecole Nationale Vétérinaire in Nantes, France, where he served as Director of the Surgical Clinic until 2009.

In 2009, he moved to the Maisons Alfort Faculty of Veterinary Medicine in Paris as full professor of the Surgical Clinic until 2013 when he was appointed Professor Emeritus at the same Faculty.

Since 2014 he has held the position of Adjunct Professor at the Department of Veterinary Medicine and Animal Production of the Federico II University, Naples.

From 2010 to 2013, he was Executive Director of the European Association of Establishment for Veterinary Education (EAEVE).

He is the author of more than 100 scientific publications and Chapters in 3 surgical text books in the USA.

12. Maria Aranzazu Meana Manes – EVPC (European Veterinary Parasitology College) Vicepresident.

Aránzazu Meana, DVM, PhD, EVPC Diplomate and EBVS® Veterinary Specialist in Parasitology was graduated from Veterinary Medicine Faculty at the University Complutense of Madrid (UCM), Spain. After a short period as general practitioner in a private clinic, she became assistant for the Animal Health Department of the same University, where she completed her PhD thesis in 1990 about pathogenesis of ruminant gastrointestinal parasitic diseases. She did some postgraduate studies in Cambridge and Glasgow Veterinary Schools and is currently Full Professor in Parasitology and Parasitic Diseases, while being also in charge of Parasitology Laboratory at the Veterinary Teaching Hospital (UCM). Her areas of research are the epidemiology and control of parasitic diseases, focusing mainly on gastrointestinal parasites of herbivores (ovine, bovine and equine) in which she has an active participation on meetings, and scientific congresses, including several books on clinical cases equine and bovine parasitology and many published papers. She was involved in the discovery in Europe of the honeybee intestinal microsporidium *Nosema ceranae*, closely related with recent honeybee high colony losses.

She is a member of the Spanish Society of Parasitology, the European Scientific Council for Companion Animal Parasites (ESCCAP) and the World Association for the Advancement of Veterinary Parasitology (WAAVP). Diplomate of the European Veterinary Parasitology College (EVPC) since 2005, she has been secretary of ESCCAP- Spain from 2005 to 2011 and EVPC from 2012 to 2018. She is currently the EVPC Vicepresident.

Important note: other members should be including after the signature of a specific commitment letter defining the collaboration with B-THENET.