



## SUMMARY

Dear members and friends of ISAH,

I hope that this e-Newsletter finds you and your relatives healthy. As the year draws to a close and a new one begins, ISAH returns to bring you some new information about the society. Please find the end-year e-Newsletter. It keeps record of activities of the Executive Board of ISAH and informs members about recent developments in the Society and on interesting topics in various fields of Animal Hygiene and beyond.

Hot topics today relate to:

- letter from President,
- latest news from the Executive Board,
- announcements of interesting congresses and meetings,
- **ISAH congress in 2022, from 2<sup>nd</sup> to 6<sup>th</sup> of October.**

**We also take the opportunity to ask you kindly for checking the status of your membership fee. Gentle reminders with invoices for missing fees will be sent out over summer. Please look on page 7-8 for details how to pay the membership fee.**

Forthcoming events and publications related to the Society are presented in the end of this issue; please visit the associated pages (9 to 15).

*Don't miss the unique opportunity to meet the ISAH circle of influence in 2022.*

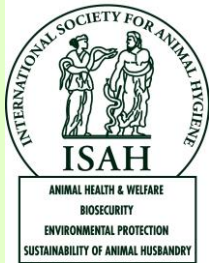
**The 20<sup>th</sup> ISAH congress will be held in Pattaya, Thailand from 2<sup>nd</sup> to 6<sup>th</sup> of October, 2022.**

**SAVE THE DATE!!!**

*Stay healthy with the goddess Hygiea and I wish you all a blessed and Merry Christmas and a healthy and successful New Year!*

Enjoy reading the Newsletter of our Society!

Dr Christelle Fablet - General Secretary of ISAH



## Contents

## EDITORIAL

### *By the President*

- Editorial

Dear members of ISAH, colleagues and friends around the world,

- News from the Society

Again, I have to start also this ISAH newsletter, which reach you just before Christmas and before the end of the year, with SARS-Cov-2 issues. The losses of lives and the economic damage this pandemic has caused and is still causing are immeasurable. The far-reaching effects can often only be illustrated by some statistic figures and examples breaking new records day after day. Confirmed total global Covid-19 cases have surpassed the number of 272 million and more than 5.3 million people died by and with COVID-19 (16 December 2021, JHU). Nearly 8.6 billion vaccine doses have been administered but the pandemic is still there and threatens with new mutants the social and economic life in so many countries. This pandemic shows how vulnerable our modern way of life is. Beyond the pure numbers of infections, diseases and deaths, which are constantly reaching new, terrifying heights, there is a series of often neglected collateral damages.

- Publications

As an example. In the COVID-19 year 2020, about 627,000 people died of malaria worldwide. That were 69,000 more casualties compared with the average of the years before. Two third of this additional death toll (45,540) is attributed to COVID-19 because malaria prevention and treatment programs were interrupted and services could not be provided.

- Forthcoming events

First priority in the fight against COVID-19 and its mutants is vaccination. Second, convince the coronavirus skeptics and all



those who are in doubt. Vaccination saves lives, reduces suffering and protects from severe course of disease in the majority of cases. Third, it is crucial to apply all hygienic rules and measures like breathing masks, disinfection, distance and ventilation of rooms. And forth - re-think the relationship between man, animal and nature. One-Health does not only refer to diseases of man and animal, it includes nature and its atmosphere, water and fertility of soils on our whole planet. Some people call it planetary health. The persistent pandemic reminds us to further develop and establish “healthy human societies”. This requires health monitoring of man and farm animals and early warning systems for infectious diseases around the world. It requires further a better understanding of hygienic principles and measures, which should contain permanent as well as fast reaction strategies that are understood by citizens. Once and again, sharing knowledge and skills (capacity building) must be part of such a strategy in the field of human and animal hygiene.

Let me briefly raise the upcoming diagnostic tool tele-veterinary-medicine. It was progressing already with the spread of digitalization in livestock farming, particularly for pig and poultry vets. The COVID-19 pandemic with all its restrictions in movement and visiting farms gave it a boost. This technology will alter the way of everyday healthcare in farms. Remotely prepared veterinary care can improve hygiene and biosecurity. A crisis like COVID-19 can also be the trigger for a departure to new shores and prosperous developments in livestock farming.

Continuous monitoring of infections in livestock production will be one conference topic in the 20<sup>th</sup> ISAH Congress 2<sup>nd</sup> to 6<sup>th</sup> October 2022 in Pattaya, Thailand. Hope to see you all there next year.

Finally, I wish you that we can soon overcome the fierce disputes around the COVID-19 pandemic. The painting and little poem about pandemic myths below tries to characterize the situation in many countries, and I hope we find soon the bridges back to more understanding and harmony as well as respect and dignity in our societies.



## **Pandemic miasma** (J. Hartung)

There was a plague around the world  
like none since many years.  
It rifted the bond of community sense  
and mistrust and fighting appeared.



[www.isah-soc.org](http://www.isah-soc.org)

# *e-news*

**International Society  
for Animal Hygiene**

***N° 009 - 2021***

The year passed on, miasmas alike,  
new myths rose from the deep.  
What values we have, who is wrong, who is right?  
Solidarity in time of need.

Who will find the way, who will speak the word,  
to heal the minds and the hands.  
Reason and feeling take away fear and need,  
build bridges from bank to bank.

**I wish you all a Merry Christmas 2021 &  
a Happy New Year.**

In the name of the Executive Board.  
Professor Dr. med. vet. Dr. h. c. mult. Jörg Hartung  
President of ISAH



## Contents

- Editorial
- **News from the Society**
- Publications
- Forthcoming events

## News from the Society

### **Associate Prof. Jan Hultgren Country Representative for Sweden**

Jan Hultgren was born in 1956, graduated as a veterinary surgeon in 1981. He defended a licentiate thesis in 1990, and a PhD thesis in 2001 at SLU. His doctoral work resulted in a dissertation entitled Observational and Experimental Studies of the Influence of Housing Factors on the Behaviour and Health of Dairy Cows. Since 2007 he was an associate professor and in 2008 he was appointed senior lecturer in animal hygiene.



#### **Senior lecturer**

Director of postgraduate studies,

Faculty of Veterinary Medicine and Animal Science

VMD, Associate professor, EBVS© European Veterinary Specialist in Animal Welfare Science, Ethics and Law

<https://internt.slu.se/en/cv-originals/jan-hultgren/>

His main interests are housing environment, health, welfare and productivity, primarily in dairy cattle, applied veterinary epidemiology, and animal and human welfare. He has received several awards for his work in Animal welfare research, as well as for his teaching or vet students and other animal science students. Jan is a strong scientist with a very a humble generous mind. He has also an exceptional interest for mathematics, as well as, for arts (incl. music and painting). Jan has, with his sound skeptical and scientific approach, contributed substantially to the academic discussion in the widest sense.

***Thank you Jan for your commitment to the  
Society***

***We wish you a long, healthy and happy  
retirement!***



**Join ISAH**  
*and become a member of a community of science  
and a circle of lifelong friendship*



Scientists, veterinary practitioners and other persons with a special interest in the field of Animal Hygiene are cordially welcome to become a member of the International Society for Animal Hygiene.

Entering the society is absolutely easy! Just send an informal email to the ISAH Secretary and upon receiving of the invoice by paying the biannual membership fee of 40 Euros for two (2) calendar years in between the ISAH-congresses. Alternatively, you can also use our entry form on the Society's web page ([www.isah-soc.org](http://www.isah-soc.org)).

ISAH membership fee is effective from the 1st of January and runs for 24 consecutive months. Members who pay their fee in due time get a discount on the congress fee for the upcoming ISAH congress in that period.

**For instance, those having paid the fee in 2021, will have a discount for 2022 ISAH congress!**

Membership fee can currently be paid only by money transfer. Alternatives are currently explored and might become available in the future.

**Please visit our webpage for more details:**  
<https://www.isah-soc.org/?Members/Membership-fee>

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## *Gentle Payment Reminder*



As this challenging year comes to its final end, ISAH would kindly like to reach out to you and thank all those members who have paid their membership fee for this year!

**We are truly grateful for your contribution!**

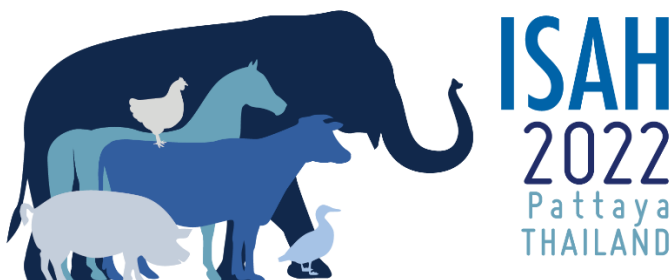
All others we would kindly like to ask to check their balance and to remind you to satisfy your balance by the end of the year. If your fees are overdue please contact ISAH'S Treasurer for an invoice and pay the amount due.

**Thank you!**

*ISAH's Treasurer wishes you a festive season, relaxing holidays  
and may the new year bring you  
joy, happiness, prosperity and good health  
and an end to all pandemic troubles and sorrows!*

*Stay safe and remember the principles of good prevention  
– keep distance, wear a mask, apply as much hygiene as possible!*





XX International Congress on Animal Hygiene 2022

**20<sup>th</sup> ISAH Congress, Pattaya Thailand –  
October, 2<sup>nd</sup> to 6<sup>th</sup>, 2022**  
**Save the date!**

The next ISAH congress will be held in Pattaya, Thailand, from 2<sup>nd</sup> to 6<sup>th</sup> of October, 2022.

A specific homepage for the Congress is in progress and will be launched in the near future. The scientific programme and organisational details will be developed in close cooperation between with the local hosts and the Executive Board of ISAH.

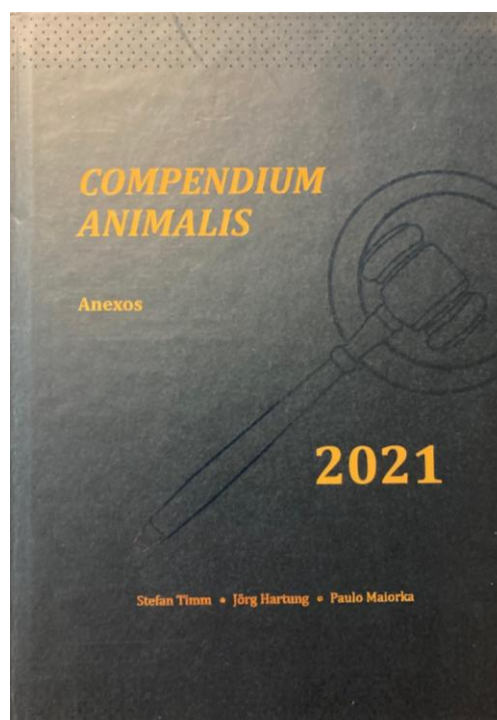
We hope that You will join us and take an active part in all that will be offered. The Congress is a unique opportunity for industry and scientists to meet and acquire new knowledge as well as to exchange experience.



## Contents

- Editorial
- News from the Society
- Publications
- Forthcoming events

## Publications



In December 2021, a second volume of Brazilian animal welfare regulations "Compendium animalis, Anexos" with over 1000 pages was published. The volume brings together almost all of the tangible appendices on animal welfare regulations in Brazil. It follows the "Compendium animalis" of 2020, which contains all legal provisions. The texts of both volumes were compiled to a large extent and primarily by Dr. Stefan Timm. Prof. Jörg Hartung, University of Veterinary Medicine Hannover and Prof. Paulo Maiorka, University of Sao Paulo are co-authors. The provisions are reproduced in the Portuguese original language. It is the very first compilation of animal welfare-related legal regulations and their appendices in Brazil.



## *Proceedings of 72th Annual Meeting of the European Federation of Animal Science (EAAP)*

The congress was held in the city of Davos (Switzerland) from **29<sup>th</sup> August to 3<sup>rd</sup> September 2021**. For the first time, a hybrid congress was held and around 800 participants have been on site and 400 took part virtually in the meeting this year.

The meeting hosted scientists and experts from the field of animal science, not only from Europe but also from other countries around the globe. The EAAP Congress provided insights into the latest research results from many areas of animal science.

Every year, the Annual meeting is a unique opportunity for scientists and industry to meet and acquire new knowledge and to exchange experience. Carried out through many sessions, plenary meeting, a poster and exhibition presentations, and discussions about scientific achievements in the European and world livestock production, the 70<sup>th</sup> Annual Meeting gave another opportunity for the application of new ideas in practice. All these preferences make the EAAP one of the largest animal science congresses in the world.

The next congress will be held in Porto (Portugal) in September from 5<sup>th</sup> to 9<sup>th</sup> 2022.

*Interested in the book of proceedings?*

*Please visit the EAAP webpage:*

<https://meetings.eaap.org/davos-2021/>

## Publications

### *Of interest from ISAH members*

#### *About poultry production & animal hygiene*

- ▶ Joosten P.; Sarrazin S.; Chauvin C.; Moyano G.; Wadepohl K.; Van Gompel L.; Wagenaar J.A.; Dewulf J., on behalf of the [EFFORT group]. 2021. Assigning Defined Daily/ Course Doses for Antimicrobials in Turkeys to Enable a Cross-Country Quantification and Comparison of Antimicrobial Use. *Antibiotics* 10, 971.

#### *About pig production & animal hygiene*

- ▶ Andraud M., Bougeard S., Chesnoiu T., Rose N., 2021. Spatiotemporal clustering and Random Forest models to identify risk factors of African swine fever outbreak in Romania in 2018-2019. *Scientific reports* 11, 2098.
- ▶ Pol F., Huneau-Salaün A., Gallien S., Ramonet Y., Rose N. 2021. Compressed Brown Algae as a Potential Environmental Enrichment Material in Growing Pigs. *Animals* 11, 315.
- ▶ Pol F., Kling-Eveillard F., Champigneulle F., Fresnay E., Ducrocq M., Courboulay V., 2021. Human-animal relationship influences husbandry practices, animal welfare and productivity in pig farming. *Animal: an international journal of animal bioscience* 15, 100103.
- ▶ Verliat F., Hemonc A., Chouet S., Le Coz P., Liber M., Jouy E., Perrin-Guyomard A., Chevance A., Delzescaux D., Chauvin C., 2021. An efficient cephalosporin stewardship programme in French swine production. *Veterinary medicine and science* 7, 432-439.
- ▶ Schulz K., Schulz J., Staubach C., Blome S., Nurmoja I., Conraths F.J., Sauter-Louis C., Viltrop A., 2021. African Swine Fever Re-Emerging in Estonia: The Role of Seropositive Wild Boar from an Epidemiological Perspective. *Viruses*. 2021 Oct 21; 13(11):2121. doi: 10.3390/v13112121. PMID: 34834928; PMCID: PMC8625046.
- ▶ Herm R., Kirik H., Vilem A., Zani L., Forth J.H., Müller A., Michelitsch A., Wernike K., Werner D., Tummeleht L., Kampen H., Viltrop A., 2021. No evidence for African swine fever virus DNA in haematophagous arthropods collected at wild boar baiting sites in Estonia. *Transbound Emerg Dis*. 2021 Sep; 68(5):2696-2702. doi: 10.1111/tbed.14013. Epub 2021 Mar 9. PMID: 33527715.

## *About cattle production & animal hygiene*

- ▶ Rilanto T., Viidu D.-A., Kaart T., Orro T., Viltrop A., Emanuelson U., Ferguson E., Mõtus K., 2021. Attitudes and personality of farm managers and association with cow culling rates and longevity in large-scale commercial dairy farms. *Research in Veterinary Science*. DOI: 10.1016/j.rvsc.2021.11.006.
- ▶ Mõtus K., Rilanto T., Viidu D.-A., Orro T., Viltrop A., 2021. Seroprevalence of selected endemic infectious diseases in large-scale Estonian dairy herds and their associations with cow longevity and culling rates. *Preventive Veterinary Medicine*, 105389. DOI: 10.1016/j.prevetmed.2021.105389.
- ▶ Sammul M., Mõtus K., Kalmus P., 2021. The Use of Colistin in Food-Producing Animals in Estonia—Vaccination as an Effective Alternative to Consumption of Critically Important Antimicrobials in Pigs. *Antibiotics*, 10 (5), 499. DOI: 10.3390/antibiotics10050499.
- ▶ Rapaliute E., van Roon A., van Schaik G., Santman-Berends I., Koleci X., Mincu M., Gethmann J., Conrady B., Knific T., Hodnik J.J., Berezowski J., Carmo L.P., Madouasse A., Tarpai A., Gerilovych A., Malakauskas A., Sekovska B., Fourichon C., Kalaitzakis E., Roch F.-F., Faverjon C., 2021. Existence and Quality of Data on Control Programs for EU Non-regulated Cattle Diseases: Consequences for Estimation and Comparison of the Probability of Freedom from Infection. *Frontiers in Veterinary Science*, 8, 1–12. DOI: 10.3389/fvets.2021.689375.
- ▶ Hodnik J.J., Acinger-Rogić Ž., Alishani M., Autio T., Balseiro A., Berezowski J., Carmo L.P., Chaligiannis I., Conrady B., Costa L., Cvetkovikj I., Davidov I., Dispas M., Djadjovski I., Leclerc Duarte E., Faverjon C., Fourichon C., Frössling J., Gerilovych A., Gethmann J., Santman-Berends I., M.G.A., 2021. Overview of Cattle Diseases Listed Under Category C, D or E in the Animal Health Law for Which Control Programmes Are in Place Within Europe. *Frontiers in Veterinary Science*, 8 (849), 1–13. DOI: 10.3389/fvets.2021.688078.

## Contents

- Editorial
- News from the Society
- Publications
- **Forthcoming events**

## Forthcoming events

### *European Symposium of Porcine Health Management (ESPHM)*



The ESPHM is a joint collaboration among three parties including the European College of Porcine Health Management (ECPHM), the European Association of Porcine Health Management (EAPHM) and the Local Organizing Committee (LOC) including the University of Veterinary Medicine Budapest and the Hungarian Association of Porcine Health Management and Hungarian Association of Porcine Health Management.

The ESPHM in Budapest will be the 13<sup>th</sup> edition of the symposium, representing the complete consolidation of a meeting that started in Copenhagen (Denmark) in 2009 with 220 delegates. Since then, the congress has evolved at all levels, with more than 1,900 delegates in the most recent edition in Barcelona, Spain, in 2018. This is an evident proof of the increasing interest that the scientific contents of the ESPHM offers, not only for European veterinarians but also to the international community. Although settled in Europe, the ESPHM aspires to be a source of updated knowledge and knowhow in its field for the whole world.

***Interested in the congress?  
Please visit the dedicated webpage:***  
<https://www.esphm2022.org>





## Forthcoming events

### 26<sup>th</sup> World Poultry Congress (WPC)



The World's Poultry Science Association (WPSA) organized every four years a World's Poultry Congress (WPC). This Association is a long established and unique organization that strives to advance knowledge and understanding of all aspects of poultry science and the poultry industry. Its major role is to encourage, and help facilitate, liaison among research scientists and educators, and between those in research and education and those working in the many diverse sectors of the industry.

First WPC held in the Hague, the Netherlands in 1921. The spirit of international collaboration established at that time has continued to be a strong characteristic of the WPSA ever since. From the first, these scientific and technical events have been associated with exhibitions of poultry and the commercial sector, so helping to strengthen the bridges between science and practice.

The next WPC will be held in Paris, France, from August 07<sup>th</sup> to 11<sup>th</sup> 2021.

*Interested in getting more information? Please follow this link:*

<https://wpcparis2022.com>

*Don't miss these events scheduled in 2022!!!*

The Newsletter is sent to all ISAH Members. You are all invited to submit information for the newsletter. Please send information, news, text, photos and logo to: [christelle.fablet@anses.fr](mailto:christelle.fablet@anses.fr) and [joerg.hartung@tiho-hannover.de](mailto:joerg.hartung@tiho-hannover.de)

**Production staff:** ISAH Executive Board