

ISHAM Working Group Annual Report 2022

1. Title of Working Group

ISHAM Veterinary Mycology and One Health Working Group

2. Name(s) of Coordinator(s) with email addresses

1. Amir Seyedmousavi. DVM, PhD, F(ECMM)
National Institute of Health, Bethesda, MD, USA.
Seyedmousavi@nih.gov
2. Jacques Guillot. DVM, PhD, dipl. EVPC
Ecole nationale vétérinaire de Nantes, Oniris, France
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3. Website URL for external website (if relevant)

<https://www.isham.org/working-groups/veterinary-mycology>

Twitter: @ISHAM_VetMyco

<https://www.linkedin.com/in/veterinary-mycology-working-group-of-isham-b9141283/>

<https://www.facebook.com/isham.mycology>

4. Objectives and expected outcomes for the forthcoming year

- 1- We are planning to organize the 5th ISHAM International Veterinary Mycology Course, 16-19 October 2023, at Faculty of Veterinary Medicine, Iasi, Romania. This four-days lecture/practical based scientific and educational event is intended for ~30 participants including PhD students, postdoctoral researchers, veterinarians, veterinary/medical mycologists/microbiologists, veterinary pathologists, or scientists from academia (or companies) who work or want to work in the field of “Veterinary Mycology and One Health” and are looking to improve their knowledge and understanding in this area.
- 2- To continue working on Atlas of Veterinary Fungi.

5. Achievements of the Working Group in 2022 (250 words) ¹⁻³

- 1- ISHAM Veterinary Mycology General Assembly meeting was organized online on March 10th, 2022.
- 2- On September 27th 2022, new board members selected for duration of 2022-2025.
 - Jacques Guillot (FR)
 - Vanessa Barrs (HK)
 - Ankita Kumari (IN)-Junior
 - Patrizia Danesi (IT)-Junior
 - Andrea Peano (IT)
 - Hans de Cock (NL)
 - Mihai Mares (RO)
 - Bridget Barker (USA)
 - Amir Seyedmousavi (USA)
- 3- A successful Pre-ISHAM Workshop was organized: ISHAM Veterinary Mycology & One Health Workshop (17 and 18 September 2022) Banaras Hindu University, Varanasi, India. Lecturers and Participants were from India, Columbia, Italy, USA, Netherlands, Hong Kong, France, and Germany. <https://www.isham2022.org/isham-veterinary-mycology-course/>
- 4- Two scientific sessions were organized during ISHAM2022, India:
 - Wednesday 21 September:**
Conference hall A | S1.2 S Animal Mycoses
Chairs: Vanessa Barrs, Hong Kong and Andrea Peano, Italy
11:00 S1.2a 'Veterinary relevant and zoonotic fungal groups': Amir Seyedmousavi, USA
11:20 S1.2b Penicilliosis: an emerging concern in dogs?: Jacques Guillot, France
11:40 S1.2c Diagnosis of fungal infections in animals: combining the old and the new to maximize results: Andrea Peano, Italy
12:00 S1.2d* Evolutionary trends of Trichophyton mentagrophytes/T. interdigitale Species Complex originating from animals: Chao Tang, Netherlands
12:15 Q&A with all speakers
<https://www.isham2022.org/21september/>
 - Wednesday 21 September:**
Suite No. 293 (Sapphire) | S2.4 Veterinary Mycology Research
Chairs: Jacques Guillot, France and Amir Seyedmousavi, USA
15:00 S2.4a Pythiosis: an emerging disease in Hong Kong: Vanessa Barrs, Hong Kong
15:20 S2.4b Population biology of hedgehog fungus Trichophyton eninacei: Vit Hubka, Czech Republic
15:40 S2.4c Metagenomic analysis of histoplasmosis in dogs: Gregory

Jouvion, France
16:00 S2.4d* Determination of the virulence potential of yeast fungi isolated from cattle milk:
Marina Manoyan, Russia
16:15 Q&A with all speakers
<https://www.isham2022.org/21september/>

- 5- Working group business meeting was organized during ISHAM2022, India
Friday 23 September:
Suite No. 293 (Sapphire) | S8.4 Veterinary Mycology and One Health Working Group Business Meeting
15:00-16:00 Chairs: Jacques Guillot, France and Amir Seyedmousavi, USA
<https://www.isham2022.org/september23/>

6. Publications arising from the Working Group

Publication of five book chapters in 'Atlas of Veterinary Fungi':

- Fungal Diseases of Mammals / Carnivora / Canidae (canines)
- Fungal Diseases of Mammals / Carnivora / Felidae (felines)
- Fungal Diseases of [Mammalia, Artiodactyla: Ruminantia](#)
- [Fungal Diseases of Mammalia, Monotremata: Ornithorhynchidae](#)
- Diseases of Osteichthyes: Actinopterygii (ray fishes)

7. Funding provided by ISHAM in the past 3 years (Budget and year)

2022: 1000 CHF

8. Composition of the working group

- Number of working group members: **203** (according to e-mail record registered in the membership application form)
- Number of ISHAM members among WG members: **110** (according to record in the membership application form)

¹ The achievement arising from the Working Group with acknowledge its status within ISHAM by explicitly including the phrase "ISHAM Working Group" in all public and professional publications, workshop programs, lectures, its website or similar activities.

² Achievements of the Working Group include but not limited to the following:

- meeting/workshop/training course/symposium of the working group,

- peer-reviewed publication,
- presentation (symposium, oral or poster paper) from working group during ISHAM congress,
- contribute material to the main ISHAM website and its regular newsletter.
- Increase ISHAM members, strengthen link between ISHAM and working group, and enhance visibility of ISHAM.

³ Supporting information for achievements are welcome.

Please complete and return to Dr. Don Sheppard, (don.sheppard@mcgill.ca) by February 28, 2023

Workgroup reports will be shared on the ISHAM webpage (<https://www.isham.org/working-group>) to highlight the activities of your group.