



IPVS2022

26th international pig veterinary society
congress - rio de janeiro - brazil



**NEW PERSPECTIVES FOR THE SWINE INDUSTRY:
INNOVATION, PRODUCTIVITY & BIOSECURITY**

Final Report of IPVS2022 Congress

June 21st -24th, 2022 – Rio de Janeiro, Brazil



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1. Introduction:

The IPVS Congress is an event which has been around the world since 1969, with solid roots that always brings together the key players of the swine production chain. In 1988, the tenth edition of the IPVS Congress was held in Rio de Janeiro. Thirty-four years later, the IPVS returns to Brazil to reinforce our outstanding position as pig producer and pork exporter. Brazil holds the fourth position in the ranking pork production and export. This expressive position is due to a lot of focus, studies and commitment of an entire chain that works hard, always delivering the best and searching for solutions to be ahead in this market.

Prof. Fernanda Almeida was appointed to conduct this work. The organizing committee worked hard for a long time. It all started in 2012, with the 1st application presented at the IPVS 2014 Congress - Jeju / South Korea. On this occasion, the city of Dublin / Ireland was chosen by the participants. The group was not discouraged and 2 years later presented again the Brazilian candidacy in IPVS 2016 Congress - Cancun / Mexico. The chosen city was Chongqing / China. These reverses were not enough to discourage the Brazilian Organized Committee. Knowing the importance of hosting such an event and the progress that it could bring to the host country, a new candidacy was presented at the IPVS 2016 Congress - Dublin / Ireland. This time, the city of Florianopolis was chosen by the participants.

Despite all the joy and satisfaction for the achievement, the responsibility of organizing the most important scientific event for swine production in the world soon showed itself. ABRAVES took on the responsibility and a new association was created specifically for this purpose. The team was formed and during the event IPVS 2018 - Chongqing / China the project of the IPVS 2020 Congress - Florianopolis / Brazil was presented with great success and expectation by all the swine community present.

Unfortunately, the world was taken by fright by the dissemination of African Swine Fever, affecting too much the whole swine production chain. Brazil was no exception and motivated by excessive zeal, some members of the agribusiness, along with some producers, positioned themselves negatively to the realization of such an important event in the city of Florianopolis. Thus, the IPVS2020 was then transferred to the city of Rio de Janeiro, which received the event "with open arms".

This change generated great losses for the event, which, together with the high costs in the city of Rio de Janeiro, almost caused its cancellation.

Drawing strength from seemingly non-existent places, the Organizing Committee surrounded itself with highly qualified and experienced professionals and went into battle. With the full support of the sponsoring companies and the Government of the State of Rio de Janeiro, it organized the congress again for June 2020 in the city of Rio de Janeiro.



As if all the problems experienced in organizing an event of this magnitude were not enough, the world was again faced with an unexpected situation: the emergence and spread of the SARS-COV-2 virus. The IPVS2020 Congress - Rio de Janeiro / Brazil, as well as all other world events, had to be cancelled.

The IPVS Brazil Congress Organizing Committee remained focused, working together, showing the greatness and commitment of its participants on behalf of the swine community. New financial losses presented themselves and new planning was necessary. Time passed and the COVID-19 pandemic proved to be controllable, allowing the IPVS2022 Congress - Rio de Janeiro / Brazil to be held from June 21st to 24th, 2022, with total mastery by those involved: organization, sponsors and attending public.

Overall, the event was a success and confirmed why it is the largest and most important scientific event in swine production worldwide.

2. Organization:

Organizer: International Pig Veterinary Society - IPVS

Local Organizer: ABRAVES – Brazilian Association of Veterinarians Specialized in Swine

IPVS2022 LOC Members:

- Prof. Fernanda Almeida – IPVS2022 President
- Prof. Roberto Guedes – Scientific Committee Chair
- Dr. Izabel Muniz – Financial Director
- Dr. Lia Coswig – Biosecurity Director
- Dr. Amilton Silva – Commercial and Communication Director
- Dr. Lauren Ventura – Social Director
- Dr. José Antônio Ribas – Corporate Relations Director

Scientific Committee:

- | | |
|------------------------------------|----------------------------------|
| - Chair: Prof. Roberto Guedes | - Dr. Jalusa Deon |
| - Vice-chair: Prof. Fabio Vannucci | - Dr. Jeffrey Zimmermann |
| - Dr. Adroaldo Zanella | - Dr. Jeroen Dewulf |
| - Dr. Bruno Silva | - Dr. Johannes Kauffold |
| - Dr. David Barcellos | - Dr. José Antonio Ribas Junior |
| - Dr. Dominiek Maes | - Dr. Lia Coswig |
| - Dr. Eraldo Zanella | - Dr. Luís Guilherme de Oliveira |
| - Dr. Fernanda Almeida | - Dr. Marisa Cardoso |
| - Dr. Fernando Bortolozzo | - Dr. Maria Nazaré Lisboa |
| - Dr. Janice Zanella | - Dr. Rafael Frandoloso |



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3. Keynote Speakers:

The IPVS2022 Congress has invited a large number of highly qualified and globally recognized professionals, researchers and scientists to present the keynote lectures in each technical session of the event.

The IPVS2022 Congress and pre-congress presented 49 invited speakers:



Dr. Amy L. Vincent
USA



Dr. Armin Saalmüller
Austria



Dr. Artur Summerfield
Switzerland



Dr. Bruno Silva
Brazil



Dr. Carlos Piñeiro
Spain



Dr. Carmina Gallardo
Spain



Dr. Chris Kuster
USA



Dr. Christian Gortazar
Spain



Dr. Eduardo Cobo
Canada



Dr. Enric Mateu
Spain



Dr. Guillermo Vidal
Spain



Dr. Heather Wilson
Canada



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Dr. Jennifer Patterson
Canada



Dr. Jeroen Dewulf
Belgium



Dr. Johannes Kauffold
Germany



Dr. John Fairbrother
Canada



Dr. John Pluske
Australia



Dr. Jose Manoel Vizcaino
Spain



Dr. Locke Kariker
USA



Dr. Manuel Borca
USA



Dr. Marcelo Gottschalk
Australia



Dr. Maria Hötzel
Brazil



Dr. Maria Pieters
USA



Dr. Megan Niederwerder
USA



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Dr. Michael Mendl
UK



Dr. Paulo Campos
Brazil



Dr. Rafael Frandoloso
Brazil



Dr. Robert Friendship
Canada



Dr. Robert Knox
USA



Dr. Sandra Blome
Germany



Dr. Sara M. Pires
Denmark



Dr. Satoshi Otake
Japan



Dr. Siska Croubels
Belgium



Dr. Stefan Bjorkman
Germany



Dr. Suresh Neethirajan
The Netherlands

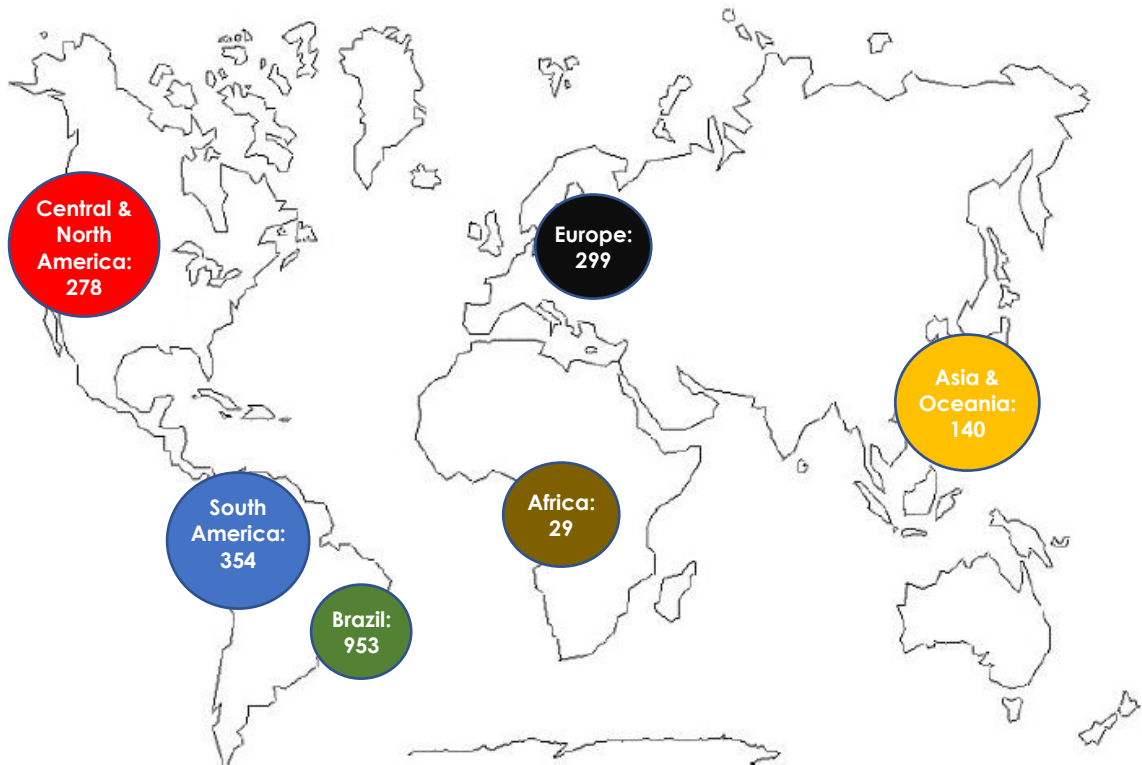


Dr. Ulf Magnusson
Sweden

4. Attendees:

The IPVS2022 Congress registered a total of **2053** registrations from 58 different nationalities for participation in the event. Out of this, 130 professionals chose the ONLINE participation. The event was also attended by 108 students.

All continents were represented at IPVS2022.



The countries with the largest representation, as expected, were the host country Brazil with 953 participants, as well as the traditional producers Spain and Mexico and, due to their proximity, Argentina and Colombia. All of them with delegations close to 100 participants.

5. Pre-Congress Workshop:

The IPVS2022 LOC organized a pre-congress workshop which was strongly attended by professionals from all over the world. A total of 28 professionals shared their knowledge on the following topics: Reproduction, Antimicrobials, Mucosal Immune Response and Vaccinology, Nutrition, African Swine Fever and Agribusiness.

The latter one was of great interest to the participants who, for the first time, could hear the leaders of the producing companies with their views on the producing market, adding even more expertise to the event.

6. Opening Ceremony:

The official opening was held by the president of IPVS2022, Prof. Fernanda Almeida, who thanked the union and the immeasurable effort of the sector for the concretization of this most important scientific event of the world swine chain.



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After two years of severe physical, financial and psychological restrictions due to the COVID-19 pandemic, the IPVS2022 Congress marks the resumption of major face-to-face events focused on swine production and reinforces the commitment of companies and entities to continue seeking the best practices to solve problems and increase productivity in the sector. "Pig farming has been going through several challenges, arising from the high cost of inputs and that's why IPVS2022 comes at exactly the right time to transform this scenario," said the event president, Fernanda Almeida.

She also stressed that only science can develop techniques to improve productivity rates: "The studies and solutions presented here at this event will reflect on the day to day of the producer, which will achieve more significant results by employing technology on farms".

Also, according to Fernanda Almeida, "IPVS2022 promotes the exchange of information of different links of this productive sector and, from this, we can take innovation to the field, with greater agility. In these meetings, everyone is a protagonist and the pig farmer should feel proud to be represented, because it is a victory for the industry," she said.

For director of the Scientific Committee of IPVS2022, Prof. Roberto Guedes, this edition of the congress needs to be recognized for the sector's overcoming of challenges faced during social isolation. "We were surprised by the number of abstracts submitted. I mention this because of the difficulties faced by authors to complete their projects and even so we almost reached the mark of 500 abstracts," he said.

Guedes highlighted the quality of the abstracts. "We received 481 papers for evaluation, of which 450 were accepted. As all of them receive a score, the 122 best scored papers won space to present their abstracts to the IPVS2022 audience. This research is of great value for the evolution of global pig breeding," he said.

After the opening, the inaugural lecture "The basic principles of swine sanitary management: simple things" was given by University of Guelph professor, from Ontario / Canada, Dr. Robert Friendship, who recalled the evolution of data collection in swine farming, as well as the advances in production.

In his presentation, Friendship highlighted the importance and difficulties in finding simple solutions, but which change the future of humanity. "We usually look at changes in a macro way, however it is important to turn our eyes to the basic solutions. In the swine area, for example, our great wild card is the evaluation of the data compiled over time so that we can set new goals and thus achieve excellence in productivity," he explained.



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7. Scientific Program:

The LOC IPVS2022 carefully designed the programme to cover all the major issues of the moment. The programme was then divided into 12 thematic areas distributed in 20 sessions. In addition to the 20 keynote lectures, another 124 abstracts selected for oral presentation and 350 for poster presentation were presented.

The event also included 5 satellite symposiums presented by strategic partners: MSD, Zoetis, Boehringer-Ingelheim, Virbac and Phytobiotics.

All presentations were available at IPVS2022-ONLINE and had simultaneous translation to Portuguese and Spanish.

The IPVS2022 Proceedings can be downloaded at: <http://www.theipvs.com/links/>

8. Social Program:

Innovation was present even at our Social Program. Instead of a traditional Gala Dinner, we organized a "Festa Junina", a cultural Brazilian party, full of colors, traditional songs, food, dances, and above all, happiness.

It was a unique experience seeing the participants getting into the mood of the Brazilian way to have fun! And all of them really did...

9. Exhibition:

The exhibition area of IPVS2022 was open to the public so that the congress attendees could learn about the news and solutions of more than 40 companies that supported the event.

Among the companies present were Boehringer-Ingelheim, Farmabase, Hipra, MSD and Zoetis, as sponsors in the "Partner" category, Ceva and Elanco in the "Supporter" category. Agroceres PIC, Biofarma, DB - Dan Bred, Idexx, Ourofino, Pharmacosmos, Sanphar, Trouw Nutrition, Vetanco and Virbac form the group of "Platinum" sponsors and in the "Gold" group we have Crystal Spring, Magapor, Microvet, Phytobiotics, Thermo Fisher, Tonistry, VetScience, Vetoquinol, Lanxess, BioChek and Apha Scientific. Besides these, the companies Adisseo, Boehringer-Ingelheim and ICC sponsored the Pre-Congress, which took place on the first day of the event.

Within the exhibitors' area, congress attendees were also able to learn about the work of the main Brazilian swine industry entities by visiting the stands of the Brazilian Society of Pig Veterinarians - Abraves, the Brazilian Agricultural Research Corporation - Embrapa Swine and Poultry, the Brazilian Association of Animal Protein - ABPA, the Brazilian Association of Pig Breeders - ABCS, the Brazilian



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Association of Pig Genetic Companies - ABEGS, Sindicarne-SC and the Ministry of Agriculture, Livestock and Supply - MAPA.



10. Financial Report:

It was not easy... As if all the difficulties of managing an event of this magnitude were not enough, all the variables that the event faced during its preparation required our extreme ability to manage the scarce resources with total responsibility and without leaving any shortage.

Initially, IPVS2020 - Florianopolis was fully planned and easily marketed. We did not lack the resources for a great event, unprecedented in Brazil. With the confrontation with the African Swine Fever, which motivated our move to the city of Rio de Janeiro, the surplus resources ran out. Thus, we needed to stop and rethink the event. The Organizing Committee never gave up and masterfully created new sponsorship opportunities and new partners joined the group.

Unfortunately, we were again hit by external problems: this time the COVID-19 Pandemic. If resources were already scarce, we now had to work in the red zone. The group remained united and thanks to the relevance of the event and total austerity in spending we were able to successfully hold IPVS2022 - Rio de Janeiro.

The small positive result will be transferred, as initially planned, to ABRAVES - Brazilian Association of Swine Veterinarians, which will know how to manage and distribute these resources for the development of the local swine industry.

Below are the financial statements (Currency conversion: US\$ 1.00 = R\$ 5.3183, on December 15th, 2022).

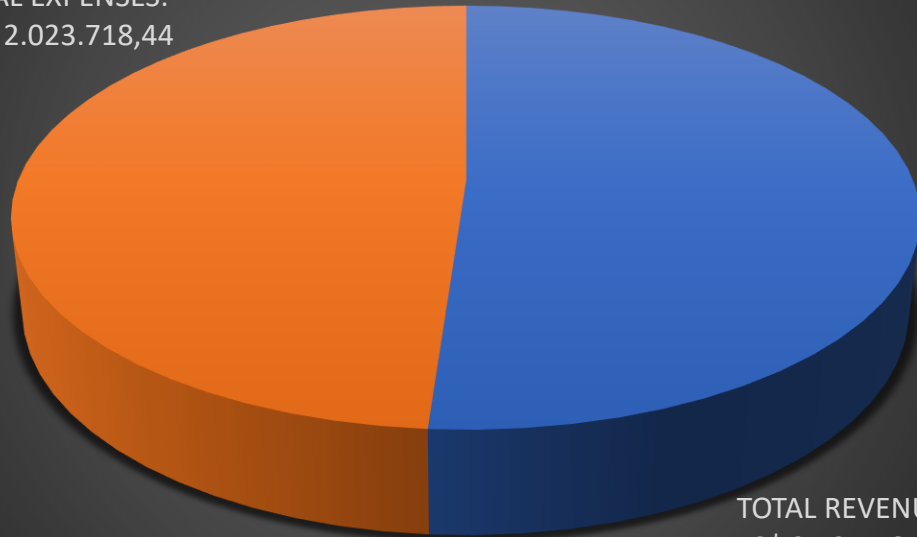


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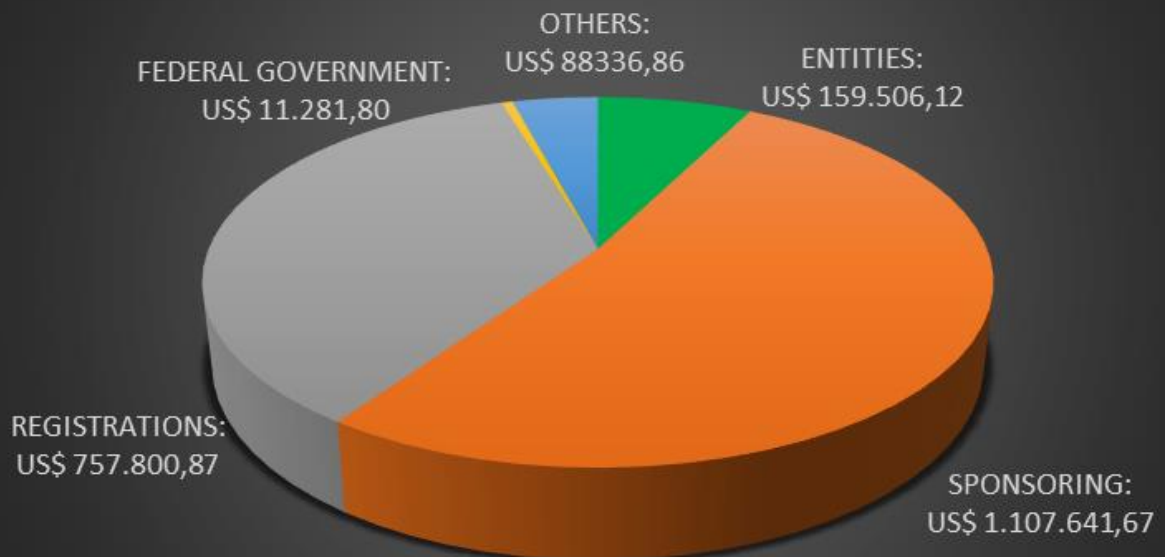
GENERAL RESULT

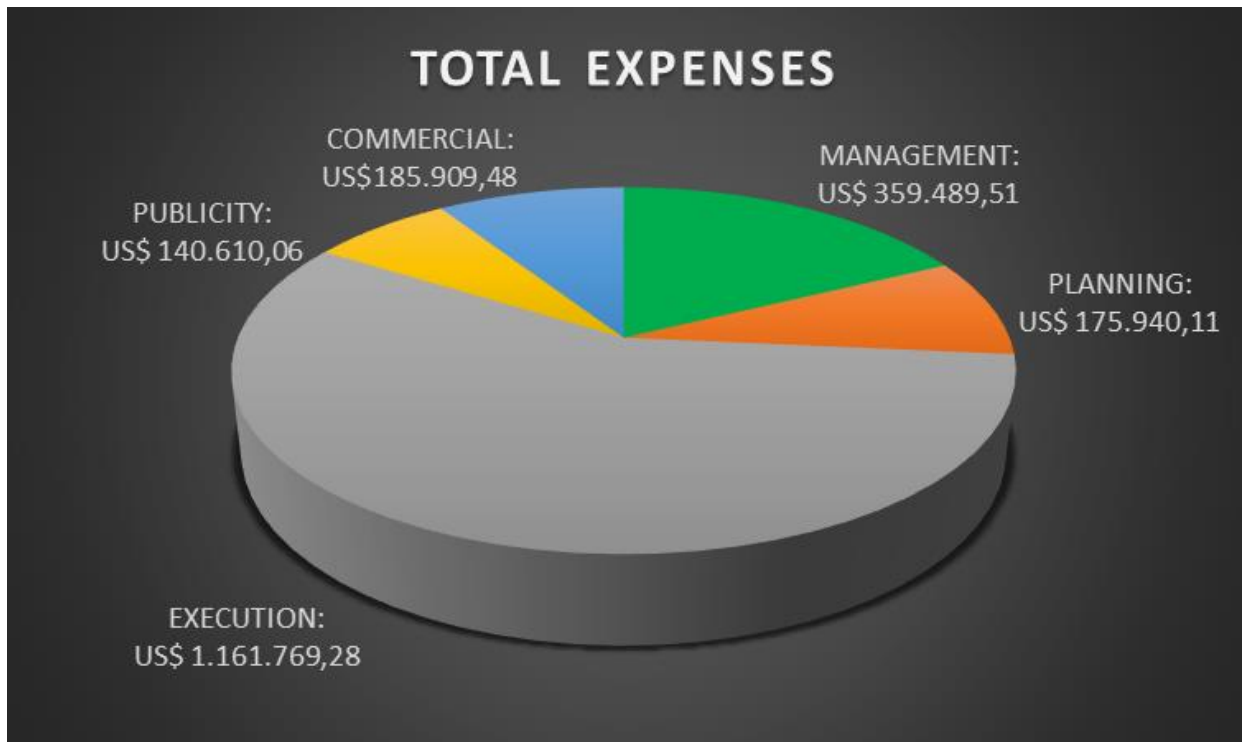
TOTAL EXPENSES:
US\$ 2.023.718,44



TOTAL REVENUE:
US\$ 2.124.567,87

TOTAL REVENUE





11. Acknowledgements:

United by the purpose of keeping the Brazilian swine industry as a model of productivity and biosecurity to be followed by the world, we delivered the maximum in every moment of the IPVS2022. What a beautiful event we had!

The IPVS2022 promoted the exchange of information between different areas of the production chain. The studies and solutions presented will certainly reflect on our daily routine, and enable us to take innovation to the field with greater agility, leading to more expressive results.

Every participant was a protagonist at the IPVS2022. Thus, we acknowledge our sponsors and speakers, who dedicated their efforts to find solutions for the continuous improvement of the industry. We would also like to acknowledge the IPVS Board for their endless support above all circumstances, which was essential for the success of the IPVS2022. This reinforces that the IPVS Congress is the most important scientific event of the swine industry in the world.

We are grateful for this opportunity and may we meet again at the IPVS2024 in Leipzig! ([IPVS 2024 – IPVS-ESPHM – June 4-7, 2024 Leipzig, Germany](#))

Thank you very much!