



WEDNESDAY

10th of JANUARY, 2024



TIME

14: 00 PM (GMT)

# Changing the game in the battle against Trypanosomatids

Trypanosomatids are protozoa parasites that mainly cause tropical zoonotic diseases such as leishmaniasis and Chagas disease. This innovative event within the scope of the DogIPM project (PTDC/CVT- CVT/0228/2020) aims to direct discussion on advanced control strategies for these diseases. Therefore,, we will discuss the challenges currently faced and new horizons for the future in the areas of veterinary medicine and research fields.

**Organizers:** Armanda Rodrigues; Cláudia Moreno; Isabel Pereira da Fonseca; Graça Alexandre-Pires; Gabriela Santos-Gomes.



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DogIPM



# Seminar & Webinar

## Changing the game in the battle against Trypanosomatids

### PROGRAMME

Time (GMT)

14:00 – 14:15	<b>WELCOME</b> Gabriela Santos-Gomes, Graça Alexandre-Pires and Isabel Pereira da Fonseca	
14:15 – 14:30	Prof. Marcelo Silva (UPV/EHU, Spain)	Current challenges in Trypanosomatids infectious disease.
14:30 – 14:45	Prof. Armanda Rodrigues (IHMT-NOVA, Portugal)	Chagas disease: new insights into cardiomyopathies.
15:45 – 15:00	Prof. Arnóbio da Silva Júnior (UFRN, Brasil)	Nanotechnology frontiers: Drug delivery system as strategy to improve Chagas' disease treatment.
15:15 – 15:30	Prof. Taffarel Torres (UFERSA, Brazil)	Bioinformatics at the Forefront: Strategies against Trypanosomatids.
<b>15:30 – 15:45</b>	<b>DISCUSSION</b>	
16:00 – 16:15	<i>Coffee break</i>	
<b>16:15 – 16:20</b>	<b>TALK SESSIONS</b>	
16:20 – 16:30	Marta Monteiro (FMV – ULisboa, Portugal)	Dendritic cells and immune response: Challenges and opportunities ahead.
16:30 – 16:40	Juliana Weber (IHMT – NOVA, Portugal)	Immunomodulation mediated by Extracellular vesicles of cutaneous <i>Leishmania shawi</i> .
16:40 – 16:50	Mafalda Meunier (IHMT – NOVA, Portugal)	Canine Leishmaniasis: T cell response can be manipulated by <i>L. infantum</i> -stimulated dendritic cells.
16:50 – 17:00	Joana Palma Marques (IHMT – NOVA, Portugal)	Dendritic cells: The next leverage against Chagas disease.
17:10 – 17:20	Rodrigo Furtado (UFPA, Brazil)	Constitutive Nitric Oxide Synthase-like enzyme in <i>Leishmania</i> parasites.
17:20 – 17:30	Cláudia Moreno (IHMT – NOVA, Portugal)	Unveil Trypanosomatids host - interaction mechanisms: Transcriptomics and Immunoinformatics approach.
17:30 – 17:45	<b>DISCUSSION</b>	
<b>17:45 – 18:00</b>	<b>CLOSING SESSION</b> Gabriela Santos-Gomes, Graça Alexandre-Pires and Isabel Pereira da Fonseca	