

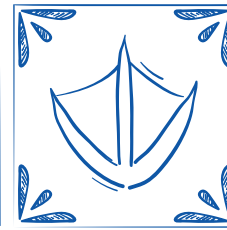
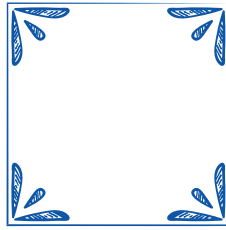
ZOOBIQUITY CONFERENCE

Female Health Across the Tree of Life

4 July 2022

ORDEM DOS MÉDICOS ✨ LISBON

PROGRAM



08:00 - 08:45 **Registration**

08:45 - 08:55 **Welcome Ceremony**

08:55 - 09:15 **Why Zoobiquity?**

KEYNOTE SPEAKER

B. Natterson-Horowitz (MD)

09:15 - 09:45 **The Connection Between Domestic and Animal Violence**

Laurentina Pedroso (DVM)

09:45 - 10:30 **Cardiovascular Disease in Females Across the Tree of Life:
A Species-Spanning Threat**

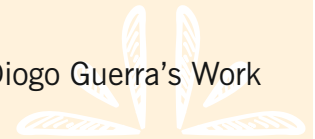
Fausto Pinto (MD), Luís Lima Lobo (DVM), B. Natterson-Horowitz (MD)

10:30 - 11:00

COFFEE BREAK

Exhibition

Diogo Guerra's Work



11:00 - 12:30

Female Health and the Environment

 **Contaminants and Climate - The Disproportional Impact on
Female Health**

Ricardo Assunção (DVM)

 **Breast, Ovarian and Endometrial Pathology Across the Tree of Life**

Luís Costa (MD), Conceição Peleteiro (DVM), Joaquim Henriques (DVM)

 **Intersex Individuals Across the Tree of Life**

Rita Payan (DVM), George Stilwell (DVM), Alexandre Lourenço (MD),
João Correia (Marine biologist)

12:30 - 13:00

Fertility and Infertility Across the Tree of Life

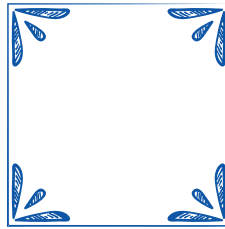
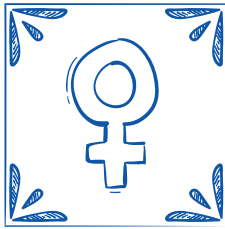
 **The Relevance of Biobanks in Conservation Medicine**

Elisabete Silva (Biologist), Luís Telo da Gama (DVM), Teresa Almeida Santos (MD)

13:00 - 14:30

LUNCH BREAK





14:30 - 14:45

Giving Me a Hand... or a Paw, or a Wing

The Role of Comparative Anatomy in Medical Illustration

Diogo Guerra (DVM)

14:45 - 15:15

Microbiome and Female Health

Elsa Duarte (DVM)

Conceição Calhau (PhD Nutrition)

15:15 - 16:30

Rethinking Medical Education

Physicians and Veterinarians in the 21st Century

Filipa Ceia (MD and DVM), Fausto Pinto (MD), Frank Rühli (MD),
Laurentina Pedroso (DVM), Rita Payan (DVM), Rui Caldeira (DVM)

17:00 - 18:00

Visit to the Science and Natural History Museum





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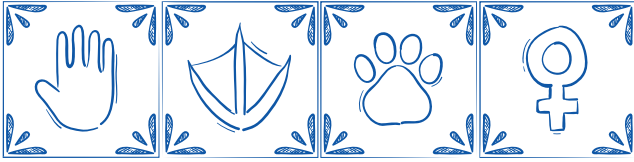
B. NATTERSON-HOROWITZ, MD

B. Natterson-Horowitz, M.D. is a cardiologist and evolutionary biologist on the faculties of Harvard Medical School, David Geffen School of Medicine (UCLA) and Harvard Department of Human Evolutionary Biology. She is a *New York Times* and internationally bestselling co-author of the award-winning books *Zoobiquity* and *Wildhood*, which have been featured as the Common Read at universities around the U.S. and translated and published around the world. Her studies of giraffes, great apes, marine mammals and sharks have provided new insights and approaches to human challenges from heart attacks and breast cancer to eating disorders and anxiety. She collaborates with veterinarians and wildlife biologists around the world on research initiatives such as “Female Health Across the Tree of Life” to improve the health of humans, animals and the environment. In 2019 Dr. Natterson-Horowitz delivered the keynote at the Nobel Conference focused on a central premise of *Zoobiquity*: Species-spanning challenges and bio-inspired solutions are critical for the future health of all forms of life and the planet itself.



DIOGO GUERRA, DVM

Diogo Guerra, DVM, dr. med. vet., is a medical illustrator with an atypical background. He completed a Masters in Veterinary Medicine at the University of Lisbon, and a doktorarbeit in Veterinary Parasitology at the University of Zurich, Switzerland. He has worked as a freelance medical illustrator since 2014, after several trainings and courses in scientific illustration, painting and data visualization. He was part of the graphic department of the VetSuisse Faculty in Zurich (VETCOM) between 2014–2015, and worked as a medical illustrator in the medical communication agency Medicalwriters.com between 2018–2022. His medical illustration portfolio combines his scientific background with the passion to visualize complex ideas, especially at the intersection of Human and Animal Medicines, Virology, Parasitology and Pharmacology. Portfolio at www.diogoguerra.com.



ELISABETE SILVA, BIOLOGIST

Elisabete Silva graduated in Biology and obtained her PhD in Biomedicine (University of Porto). Currently, she is an Invited Assistant Physiology Professor at Instituto de Ciências Biomédicas Abel Salazar-UP and a Researcher in the Ageing & Stress group, at Instituto de Investigação e Inovação em Saúde (I3S) (Porto, Portugal). Her research interest is female reproductive ageing with a focus on infertility and the development of age-associated diseases. The main objectives of her line of investigation are to unravel the role of the uterine microenvironment in reproductive ageing, focusing on changes of proteins that make up the extracellular matrix of the uterine stroma, and deepen the knowledge of the mechanisms involved in ovarian ageing, with special interest in the role of inflammation, oxidative stress and cellular senescence. The results of her research line showed that redox balance in the uterus and ovary plays a key role in reproductive success and that specific antioxidant supplementation can compensate for age-related changes and improve fertility. Elisabete Silva has an H index of 13 and a total of 777 citations, according to the system of international reference Scopus. Her scientific career in the field of Physiology and Pharmacology is illustrated by the publication of 30 articles in indexed journals with an impact factor and 2 book chapters; for presenting her work in national and international congresses of reference in her research area; through the participation in 14 research projects; for the supervision / co-supervision of 6 undergraduate, 5 master and 1 PhD student, in the area of Physiology and Pharmacology - female reproductive system; for the participation in several academic juries; through the peer review of articles submitted to indexed journals with an impact factor; and for the distinction with several prizes.



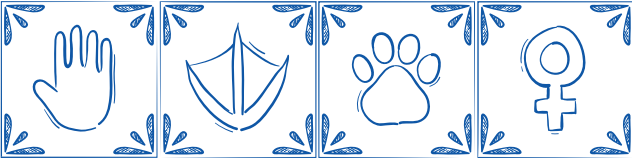
FAUSTO J PINTO, MD, PHD, FESC, FACC, FEACVI, FASE, FSCAI, FASA

Fausto J Pinto is the current President of the World Heart Federation (WHF). He graduated at Lisbon University Medical School, Portugal in 1984, did his cardiology training at University Hospital Santa Maria in Lisbon and Stanford University Medical Center, CA, USA, where he was also Faculty. He is currently the Dean of the Faculty of Medicine of the University of Lisbon, Full Professor of Cardiology/Medicine, Head of Heart and Vascular Department of Santa Maria University Hospital, National Coordinator of the Medical Schools Council (2018-2020), President of the Executive Board of the Lisbon Academic Medical Centre (2019-21), Past-President of the European Society of Cardiology (ESC) (2014-16), Past-President of the European Association of Echocardiography (EAE) (2002-04), President of Cardiovascular Center of University of Lisbon (CCUL). He is Consulting Editor and Member of the Editorial Board of several international peer-reviewed journals and honorary member of several international scientific societies and academic centers. He published over 600 indexed articles. Main areas of interest are global health, digital health, ischemic heart disease, heart failure, anticoagulation, and cardiovascular imaging, with particular interest in the use of ultrasound in cardiology and has pioneered the use of intravascular ultrasound in the study of graft atherosclerosis.



FILIPA CEIA, MD, DVM

Graduated in Veterinary Medicine by the University of Trás-os-Montes and Alto Douro. Graduate in Medicine by the Faculty of Medicine, University of Coimbra. Specialist in Infectious Diseases. Invited assistant of Infectious Diseases at the Faculty of Medicine, University of Porto. Maintains her professional, clinical and scientific activity at the Infectious Diseases Department of the University Hospital Center São João (Porto). She develops her activity in several areas of Infectious Diseases, namely Emerging Infectious Diseases. Maintains her veterinary activity through training and clinical advice in the field of Infectious Diseases. Member of Portuguese Society of Infectious Diseases and Clinical Microbiology. Member of European Society of Clinical Microbiology and Infectious Diseases. Author of several papers, she has also several participations at conferences and postgraduate courses, as a speaker, in the areas of Infectious Diseases and One Health.



FRANK RÜHLI, MD

Frank Rühli, Dr med, PhD is Dean of the Medical Faculty and Founding Chair (Full Professor) and Director of the Institute of Evolutionary Medicine, University of Zurich, Switzerland. He is faculty member of both, the medical and the science faculty of the University of Zurich. He is Co-Head of the Center for Crisis Competence" at the Faculty of Business, Economics and Informatics, University of Zurich. He currently holds an Honorary Adjunct Professorship at the Adelaide Medical School, The University of Adelaide, Australia. He was an Honorary Visiting Professor at the Lee Kong Chian School of Medicine, Nanyang Technological University Singapore and a visiting professor at the University of Geneva, Switzerland. His main interests are evolutionary medicine (esp. diagnostic imaging of ancient mummies) academic governance and health care policy. Frank Rühli has acquired ca. 18 million USD of third-party funding and has a total of ca. 250 scientific publications. He serves in multiple professional bodies (e.g. as president of the leading international society of evolutionary medicine, as a member of scientific museum advisory boards or as president of an archeology foundation), editorial boards and political organizations (e.g. he is a member of the Parliament of the City Zurich). Prof Rühli holds also an Executive MBA degree and serves in the rank of a colonel in the militia staff of the chief of the Swiss Armed Forces.



GEORGE TOMAS STILWELL, DVM

Degree in Veterinary Medicine by the Lisbon University. PhD in "Evaluation and control of pain caused by routine intervention in cattle" (2009). Diplomate by the European College Bovine Health Management since 2003. Farm animal practitioner from 1986 to 2001. Currently lectures 'Farm Animal Clinic' and also 'Deontology and Bioethics' at the Lisbon University. Locum senior vet and lecturer at Massey University (2018-2019). Head of the "Animal Behaviour and Welfare Research Lab" (CIISA-FMV). National coordinator of the EU funded project AWIN-Animal Welfare Indicators and member of the project BovINE (Beef Innovation Network Europe), EVIEDVET and WELFARUMINANT. Hearing expert at EFSA working groups on calf and dairy cow health and welfare. Member of the Board of the Portuguese Veterinary Council.



bios



JOÃO CORREIA, MARINE BIOLOGIST

João was born in 1972 and is a raconteur with a Ph.D. in marine biology, who's been focusing his academic research on shark fisheries and conservation. A three times featured TEDx speaker, he began his career in Bimini, studying lemon shark behaviour, then became curator of sharks at the Lisbon Zoo (a very pompous title, considering he did little more than clean their poo), researched deep-sea shark growth, and then joined the Oceanário de Lisboa, where he'd become Head Diver and Curator of Collections. In 2006 he founded his own collections firm, Flying Sharks, and, as a professor at ESTM, he teaches future marine biologists. He also started a lingerie business (Alalunga Lingerie) back in 1998, which is sadly not doing very well because competition is fierce in the online market, and João is too busy giving motivational lectures and moving fish around the world. In 2015/6/7 João also published his trilogy 'Sex, Sharks and Rock & Roll', an illustrated memoir covering his career studying sharks and moving marine animals all over the world, while selling adult toys on the side. His Portuguese title 'Tubarões Voadores' (which is Portuguese for 'Flying Sharks') was also a best-seller and the sequel features not just the birth of his beloved baby boy Nikola, but also how the Covid-19 pandemic turned a completely dead fish business into a thriving odyssey of PPEs, alcohol, and disinfectants, among many other amazing items – and plush toys! Apparently João ships worldwide, and clearly has no shame!



KATHRYN BOWERS

Kathryn Bowers is a New York Times bestselling author and journalist. She holds a graduate certificate in Animal Behavior from the University of Washington, and her books with Dr. B. Natterson-Horowitz, *Zoobiquity* and *Wildhood*, have received recognition from the Smithsonian and *Discover Magazine*. Ms. Bowers is a former editor at the *Atlantic* and producer with CNN-International. She also worked as a media liaison at the American Embassy in Moscow and received a State Department Meritorious Honor Award for her service. A Future Tense Fellow at New America in Washington, DC, Ms. Bowers has taught at UCLA and Harvard. She holds a degree in English from Stanford.



LUIS LIMA LOBO

Veterinary Medicine degree from Faculdade de Medicina Veterinária de Lisboa in 1992. Post graduated in Internal Medicine by the European School for Advanced Veterinary Studies in Utrecht, in 2003. PhD in Veterinary Sciences, with a thesis in canine heart disease in Abel Salazar Institute of Biomedical Sciences in 2011. Clinical director at Hospital Veterinário do Porto and head of its cardiology department. Investigator at CECA (center for the study of animal sciences) in Porto University. Auxiliary Professor at Lusófona University, Lisbon. Founder and former president of the Portuguese Veterinary Cardiology Society.



MARIA DA CONCEIÇÃO PELETEIRO

Born in 1954. In 1976, graduated in Veterinary Medicine in the Higher School of Veterinary Medicine, presently Faculty of Veterinary Medicine, of the Technical University of Lisbon, presently University of Lisbon. Other degrees obtained were MSc in Aquatic Veterinary Studies in 1981, and PhD, in 1987, both in the University of Stirling, United Kingdom. Academic career from 1976 to 2021 (date of retirement) in Anatomic Pathology at the Faculty of Veterinary Medicine, University of Lisbon, fulfilling the position of Full Professor since 1996. Vice-Rector of the Technical University of Lisbon, from 1996 to 1999 and in 2011, having ceased functions due to the death of the Rector. Vice President of the Foundation for Science and Technology (2003-2004). Member of the European College of Veterinary Pathology since 1996.



RITA PAYAN, DVM

Rita Payan Carreira is a full professor in Theriogenology at Évora University, Dept. Veterinary Medicine, School of Science and Technology. She focuses her research on (in)fertility in small animals, particularly on the mechanisms of implantation in dogs. Additional areas of interest and research investigation include sexual differentiation defects and reproductive oncology. She is frequently asked to serve as a consultant in cases of disturbed sexual differentiation. More recently, she has been involved in projects dealing with the acquisition of critical thinking/clinical reasoning competencies and decision-making in Health Sciences



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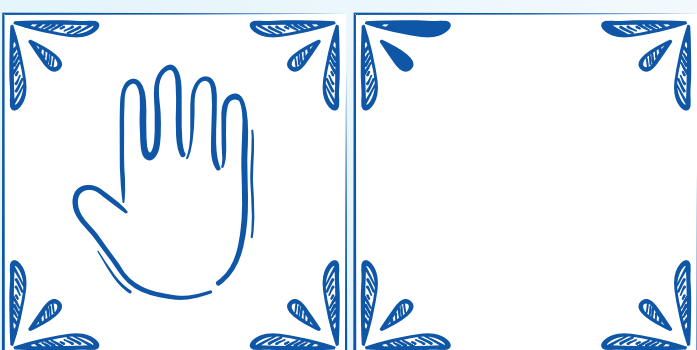
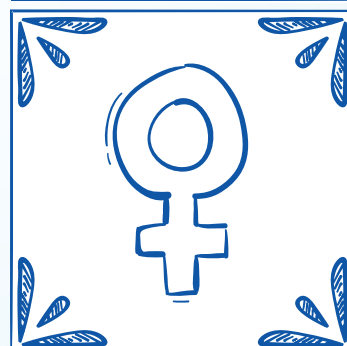
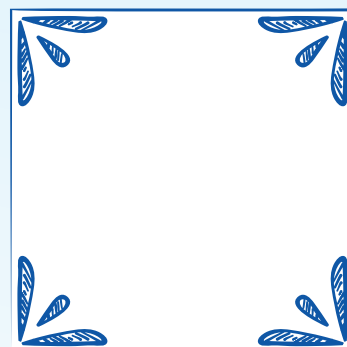
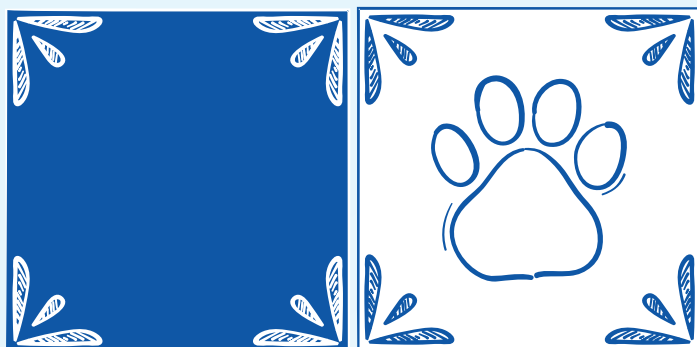
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