


PERSONAL INFORMATION

Antonio Varcasia




 Università degli Studi di Sassari  
 Dipartimento di Medicina Veterinaria  
 Parassitologia e Malattie Parassitarie  
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Sex: M | Date of birth: 23/10/1975 | Nationality: Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input checked="" type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input checked="" type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

**Associate professor of Parasitology and parasitic disease (07/H3 – VET06)**

- From 2018 to present Associate professor of Veterinary Parasitology at Veterinary Medicine Department, University of Sassari, Italy - Area 07 (Agricultural Sciences and Veterinary) and for the scientific sector VET/06 "Parasitology and parasitic diseases of animals",
- From 2018 to present Professor of "Wildlife Parasitosis" (6 CFU) of the International Master's Degree Course in Wildlife Management, Conservation and Control (Class LM 86), University of Sassari, Italy.
- From 2012 to present Professor for "Platyhelminths diseases" (2 CFU) at Specialization School (MSc) in Animal health, breedings and animal productions, University of Sassari, Italy
- From 2011 to present Professor of "Molecular basis of infections of veterinary interest" (5 CFU) in the Sanitary Biotechnologies Course at Veterinary Medicine Department, University of Sassari.

EDUCATION AND TRAINING

**DVM, MSc, PhD, Dip ECSHRM, Dip EVPC**

- From 2018 to present EBVS® European Veterinary Specialist in Veterinary Parasitology - EVPC
- From 2012 to present EBVS® European Veterinary Specialist in Small Ruminants Health Management - ECSHRM
- From 2012 to present Ordine dei Medici Veterinari della Provincia di Sassari (N. 990).
- 2006 - 2008 PhD in production and safety of food of animal origin, University of Sassari, Italy
- 2001- 2003 Specialization School (MSc) in Animal health, breedings and animal productions, University of Sassari, Italy
- 1994 -1999 Veterinary Medicine Degree, University of Sassari, Italy

WORK ACTIVITIES

Working activity of Dr. Varcasia is focused in diagnosis, epidemiology and molecular parasitology of zoonosis, in parasitic diseases of small ruminants and pet animals. From 2017 he also have the Italian habilitation as Full Professor in the scientific discipline H3/07 "Infectious and Parasitic Diseases of Animals". He has worked in/with several institutions in Italy (Istituto Zooprofilattico Sperimentale della Sardegna, Regional Government of Sardinia, ASL, National Reference Centre for Echinococcosis-hydatidosis, Istituto Zootecnico Caseario per la Sardegna, AGRIS Sardegna) and also in Panama, Mexico and Nicaragua for several research and programs.

**Editorial activity** From 2020 to present: Associate editor of Parasites and Vectors (Springer Nature, Q1) and member of the editorial board of Acta Parasitologica (Springer Nature, Q3). Reviewer of over 15 journals in the Parasitology Area.  
From 2020 to present: Member of the Directive board of the Italian Society of Parasitology (SOIPA)

## PERSONAL SKILLS

Mother tongue(s) Italian  
Other language(s) English (fluent), Spanish (fluent)

Job-related skills From 2003 to present: film-maker and author of over 200 documentaries aired in several TVs in Italy, Spain; Portugal, North Africa (SKY, RCS Group, Italy; Movistar Telefonica, Spain).  
From 2008 to 2010: Journalist (Ordine Nazionale dei Giornalisti - N. 126553)

Digital skills Good Knowledge: website editing, video editing (Final cut Pro, iOS), publishing editing  
From 2017 to present: Ente Nazionale per l'Aviazione Civile S-APR (drone) pilot by ENAC (N. 14715).

## ADDITIONAL INFORMATION

**Publications** total number of publications in peer-review journals: **115**  
total number of citations: **2081**  
H index: **29**  
([Scopus profile](#); [Google Scholar profile](#))

Casu, S., Usai, M.G., Sechi, T., Salaris, S.L., Miari, S., Mulas, G., Tamponi, C., Varcasia, A., Scala, A., Carta, A. Association analysis and functional annotation of imputed sequence data within genomic regions influencing resistance to gastro-intestinal parasites detected by an LDLA approach in a nucleus flock of Sarda dairy sheep (2022) Genetics Selection Evolution, 54 (1), art. no. 2.

Ahmed, F., Cappai, M.G., Morrone, S., Cavallo, L., Berlinguer, F., Dessì, G., Tamponi, C., Scala, A., Varcasia, A. Raw meat based diet (RMBD) for household pets as potential door opener to parasitic load of domestic and urban environment. Revival of understated zoonotic hazards? A review (2021) One Health, 13, art. no. 100327.

Berlinguer, F., Ahmed, F., Tamponi, C., Carta, S., Scala, A., Cappai, M.G., Varcasia, A. Help from the sky: Can vultures contribute to cystic echinococcosis control in endemic areas? (2021) PLoS Neglected Tropical Diseases, 15 (7), art. no. e0009615.

Tamponi, C., Dessì, G., Varcasia, A., Knoll, S., Meloni, L., Scala, A. Preliminary Assessment of Body Condition Score as a Possible Marker for the Targeted Selective Treatment of Dairy Sheep Against Gastrointestinal Nematodes (2021) Acta Parasitologica.

Tamponi, C., Knoll, S., Toscirì, G., Salis, F., Dessì, G., Cappai, M.G., Varcasia, A., Scala, A. Environmental contamination by dog feces in touristic areas of Italy: Parasitological aspects and zoonotic hazards (2020). American Journal of Tropical Medicine and Hygiene, 103 (3): 1143-1149.

**Projects** *Parasitolis@y: an app for risk assessment and prevention of parasitic zoonoses in Gennargentu-Mandrolisai* (2021). Bando PON Ricerca e Innovazione 2014-2020 e del Fondo per lo Sviluppo e la Coesione (FSC) del Ministero dell'Università e della Ricerca; Responsabile scientifico – Budget: 75.000 Euro  
Development of innovative tools for the assessment of parasitological risk in domestic animals with particular attention to zoonoses (2021); Dottorati di ricerca in materia di Industria 4.0, Scienze statistiche e attuariali, Sviluppo sostenibile, Inps e Welfare” - Istituto Nazionale Previdenza Sociale. Responsabile scientifico – Budget: 67.708,25 Euro  
The use of by-products of sheep slaughtering for the production of functional foods and BARF for pets: development of health monitoring protocols for the prevention of parasites and zoonoses and the enhancement of the sheep supply chain (2018). Programma Operativo Nazionale Ricerca e Innovazione (PON RI 2014/2020) Action I.1-“Innovative PhDs with industrial characterization”. Funding FSE-FESR; Responsabile scientifico – Budget: 75.000 Euro  
The environmental impact of pet animals faecal contamination and vectors insects as risk factors for zoonotic diseases in urban and suburban areas (2012). Legge Regionale 7 della Regione Autonoma della Sardegna; Responsabile scientifico - Budget: 111.437,73 Euro.

