



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE ___5871___

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Medicina Veterinaria e Scienze Animali** Scientist- in - charge: Prof. ADDIS FILIPPA within the research programme "**Impact of waste milk feeding on the selection and maintenance of antibiotic-resistant microorganisms in the gut microbiota of dairy calves and dairy cows**"_____

[Name and surname] Aya Attia Koraney Zarea

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Zarea
Name	Aya

PRESENT OCCUPATION

Appointment	Structure
researcher	National research center, Egypt

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Veterinary Medicine	Cairo Unoiversity, Egypt	2011
Specialization			
PhD	Veterinary Medicine	Bari Aldo Moro, Italy	2022
Master	microbiology and immunology , Veterinary Medicine	Bani-sweif University, Egypt	2016
Degree of medical specialization			
Degree of European specialization			
Other	Diploma in microbiology and immunology	Cairo University	2012



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
2022	Member of European Network for Optimization of Veterinary Antimicrobial Treatment action (ENOVAT) (WG1)	Cost Action
2023	Member of Prevention, anticipation and mitigation of tick-borne disease risk applying the DAMA protocol action (PRAGMATICK- Cost Action CA21170) (WG1)	Cost Action CA21170

FOREIGN LANGUAGES

Languages	level of knowledge
Arabic	Mother tongue
English	C1
Italian	A2

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2018	Scholarship for doctorate degree from university of Bari Aldo Moro, ITALY

TRAINING OR RESEARCH ACTIVITY

description of activity
Optimising practice in veterinary clinical microbiology: from sample taking to treatment Decision [09/2022], Bari, Italy ENOVAT Training school Grant from COST Action.
Next generation sequencing in routine clinical microbiology and infectious diseases [09/2021] ECCMID (online)
Statistical models for infectious diseases epidemiology [09/2021] Perugia, Italy (Grant from Harmony COST Action)
Studying and working safely in the laboratories of the biological, chemical, and pharmaceutical Departments [02/2020] University of Bari Aldo Moro, Italy
Research and Personal Competency Upgrading courses [03/2013 – 06/2013] National Research Center, Egypt.



PROJECT ACTIVITY

Year	Project
2013	Molecular study of multi drug resistance from food of animal origin
2018	Epidemiological study of emerging infectious disease from wild and domestic animal
2021	Causes of Fatal Calf Pneumonia Outbreaks in Italian Dairy Herds
2021	Effetti of some essential oil as antibacterial and anti mycology
2022	Epidemiology of infectious agents contribute in the abortions and failure in reproductions of small ruminants in Italy.

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
06/2022	ONE – Health, Environment, Society – Conference 2022	Virtual as attendee,
9/2022	Saudi International Antimicrobial Congress	Virtual as attendee
23/09/2021 – 24/09/2021	The 21 international conference life science for sustainable development	Cluj-Napoca, Romania, Romania
20/10/2016 – 22/10/2016	6th Clinical Microbiology Conference	Rome, Italy

PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
A Pilot Study on the Action of Thymus vulgaris Essential Oil in Treating the Most Common Bacterial Contaminants and Salmonella enterica subsp. enterica Serovar Derby in Poultry Litter. Antibiotics 2023, 12, 436.
Prevalence of Bartonella spp., haemotropic Mycoplasma spp. and others vectorborne



pathogens in private-owned dogs and cats, Egypt. <i>Acta tropica</i> , 240, 106857
Molecular characterization of <i>carnivore protoparvovirus 1</i> circulating in domestic carnivores in Egypt. <i>Frontiers in veterinary science</i> , 9, 932247
Antioxidant and Antibiofilm Activities of Essential Oils of <i>Cymbopogon</i> spp. <i>Antibiotics</i> 2022, 11, 829.
Feline Panleukopenia Virus in Dogs from Italy and Egypt. <i>Emerging infectious diseases</i> , 28(9), 1933–1935.
Occurrence and bacterial loads of <i>Bartonella</i> and haemotropic <i>Mycoplasma</i> species in privately owned cats and dogs and their fleas from East and Southeast Asia . <i>Zoonoses and public health</i> , 10.1111/zph.12959.
Fatal Calf Pneumonia Outbreaks in Italian Dairy Herds Involving <i>Mycoplasma bovis</i> and Other Agents of BRD Complex. <i>Frontiers in veterinary science</i> , 8, 742785.
Zoonotic <i>Bartonella</i> species in Eurasian wolves and other free-ranging wild mammals from Italy. <i>Zoonoses Public Health</i> ;00: –1.
Molecular determinants of multiple antibiotic resistant <i>E. coli</i> isolated from food of animal origin. <i>Adv. Anim. Vet. Sci.</i> 8(4): 347-3532. DOI:10.17582/ journal.aavs/2020/8.4.347.353
Phenotypic and genotypic characterization of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Veterinary Medical Research</i> , 24(2), 186-193.
Polymerase chain reaction detection of genes responsible for multiple antibiotic resistance <i>Staphylococcus aureus</i> isolated from food of animal origin in Egypt. <i>Veterinary world</i> , 10(10), 1205–1211.
The global molecular prevalence of <i>Bartonella</i> species in dogs and cats : Systematic review and Meta- analysis. Accepted in <i>Transboundary and Emerging Diseases J.</i>
A quantitative risk evaluation of west Nile virus infection in occupational settings – a systematic review and meta-analysis. submitted to <i>Heylon J</i>

Congress proceedings
4th International conference of the European college of veterinary microbiology [Bari, Italy, 15/09/2022 – 17/09/2022] Accepted as an oral presentations or a poster 1. M.G. Galgano, A. Pratelli, M. Tempesta, G. Greco, D. Mrenoshki, A.A.K. Zarea , A. Sposato, M. Beverelli, C. Trisolini, V. Laera, G. Caldarola, D. Buonavoglia. PRELIMINARY SEROPREVALENCE STUDY OF PARATUBERCULOSIS IN DAIRY HERDS IN APULIA (SOUTHERN ITALY 2. A.E. Odigie, M.S. Lucente, C. Catella, D. Mrenoshki, I.C. Ugochukwu, F. Pellegrini, P. Capozza, A.A.K Zarea , V. Franceschi, G. Greco, A. Pratelli, G. Donofrio, M. Tempesta. Vaginal administration of a BOHV-4-based vectorexpressing CPHV-1 GD protects goats against CPHV-1 induced pathology 3. Effectiveness of thyme vulgaris essential oil on antibiotic resistance bacteria isolated from poultry litter. M. Galgano, F. Pellegrini, G. Fracchiolla, D. Mrenoshki, A. Attia Koraney Zarea , A. Bianco, L. Del Sambro, L. Pozzi, A. Schiavone, A. Assan Omar, A. Camarda, F. Cirone, M. Tempesta, D. Buonavoglia, A. Pratelli Link: chrome-extension://efaidnbmnnpbpcjpcglclefindmkaj/https://icecvmconf.org/ABSTRACT BOOK_final.pdf
75TH SISVET Conference [Lodi, Italy, 15/06/2022 – 18/06/2022] Accepted as oral presentations or poster 1. Aya A.K. Zarea , Linda A. Ndiana, Maria Tempesta, Daniela Mrenoshki, Nicola Decaro, Francesco Pellegrini, Vito Martella and Grazia Greco . Occurrence of neglected vector - borne pathogens in dogs from Nuo ,Nigeria. 2. Antonella Colella , Grazia Greco , Adriana Trotta , Marco Cordisco , Serena Digiario , Antonella Tinelli , Alessandra Recchia , Aya Zarea and Paola Paradies . <i>Bartonella henselae</i> mitral valve endocarditis associated to multi-resistant enterococcus faecalis bacteremia in a cat. 3. Daniela Mrenoshki , Aya A . K . Zarea , Andrea Grassi , G . Argiolas , Mariastella Lucente , Giovanni M. Lacalandra, Maria Tempesta and Grazia Greco. Characterization of catalase-negative gram-positive cocciform sheep and goat foreskin by culturomic approach. 4. Linda A . Ndiana , Gianvito Lanavae , Costantina Desario , Aya A . K Zarea , Francesco Mira and



Nicola Decaro . Molecular characterization of selected canine viruses in dogs traded for consumption, Nigeria.
3rd International conference of the European college of veterinary microbiology [Online, 16/10/2021 – 17/10/2021] Accepted as a poster Aya Attia Koraney Zarea , Maria Tempesta, Ehab A. Fouad, L. A. N. diana, M.S. Mahmoud, D. Mrenoshki, V. Martella, Nicola Decaro, Grazia Greco. Molecular investigation of zoonotic vector-borne bacteria from cats and dogs, Egypt.
27th FECAVA Eurocongress [Prague, 08/06/2022 – 11/06/2022] Accepted as a poster Ndiana Linda Amarachi , Lanave Gianvito , Zarea Aya Attia Koraney , Desario Costantina , Odigie Amienwanlen Eugene , Ehab Ali Fouad , Cappelletta Paolo , Buonavoglia Canio , Decaro Nicol . Molecular characterization of carnivore protoparvoviruses and circoviruses from domestic dogs and cats, Egypt.
The 21 international conference life science for sustainable development [Cluj-Napoca, Romania, 23/09/2021 – 24/09/2021] Accepted as an oral presentation Grazia Greco , Maria Tempesta , Aya A . K . Zarea . Zoonotic Bartonella infections in domestic and wild carnivores from Europe and Asia
ECCMID [Online, 09/07/2021 – 12/07/2021] Accepted as a poster Aya Attia Koraney Zarea , Viet - Linh Nguyen , Vito Colella , Filipe Dantas - Torres , Lenaig Halos , Frederic Beugnet, Domenico Otranto, et al., and Grazia Greco. Occurrence of <i>Bartonella</i> species and hemotropic Mycoplasma in pets and their associated fleas from East and Southeast Asia.
74TH SISVET Conference [Online, 03/05/2021 – 08/05/2021] Accepted as an oral presentation Mrenoshki D , Attia Koraney Zarea A , Aiudi G , Lucente M . S . , Galgano M . , Cicirelli V , Lacalandra G . M . , Tempesta M., Greco G. Antimicrobial resistance in streptococcus spp. And aerococcus spp. Isolated from reproductive organs of small ruminants in south-Italy
9th International Conference on Bartonella as Emerging Pathogens. (18- 20 September 2019). [Paris, France, 18/09/2019 – 20/09/2019] Accepted as an oral presentation Greco, Grazia., Dantas-Torres, Filip., Koraney, Aya A. , Lia, Riccardo P., Buonavoglia, Canio., Tarallo, Viviana D., Tempesta, Maria and Otranto, Domenico. Bartonella rochalimae and Bartonella vinsonii subsp. berkhoffii co - infection in Pulex irritans from dogs, Italy.
6th Clinical Microbiology Conference [Rome, Italy, 20/10/2016 – 22/10/2016] Accepted as a poster Ayman Ameen Samy Mohamed Ibrahim., Fawzy R El Seedy., Hala S H Salam., Eman A Khairy., Shima T Omara and Aya A Koraney . Phenotypic and genotypic characterization of methicillin-resistant Staphylococcus aureus isolated from different sources
International conference of sustainability development [Egypt, 12/06/2016 – 14/06/2016] Accepted as a poster Fawzy R . El Seedy , A . A . Samy , Hala S . H . Salam , Eman A . Khairy and Aya A . Koraney . Molecular determinants of multiple antibiotic resistances E. coli isolated from food of animal origin in Egypt



OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

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Place and date: Adelfia, 25/09/2023