



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6304

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 di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia** Scientist- in - charge: Prof. Giorgi Annamaria

**YOSRA RESSAISSI**

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	Ressaissi
Name	Yosra

### PRESENT OCCUPATION

Appointment	Structure
Postdoctoral researcher	UNICATT (2022)

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Agricultural Engineering degree	Ecole Supérieure d'Agriculture de Mateur (ESAM)	2011
Specialization	Research Master degree in Animal breeding and genetics	Institut National Agronomique de la Tunisie (INAT)	2014
PhD	Veterinary Medical Sciences, Public Health and Animal Welfare.	Università Degli Studi Di Teramo, Italy	2021
Master	Research Master degree in Animal breeding and genetics	Institut National Agronomique de la Tunisie (INAT)	2014

### REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
2014	ISAH	Kosice

### FOREIGN LANGUAGES

Languages	level of knowledge
Arabic	Native
French	Native
English	Fluent
Italian	Good



## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2018	Full grant and invitation to the event "Science for Inclusion" at the United Nations-Geneva
2017	Full Women Scientist Award from the China National Gene Bank (CNGB)
2017	European Marie Skłodowska-Curie actions (MSCA) grant program for doctoral training (Horizon 2020 MSCA-COFUND-Rep-Eat -G.A. n. 713714).
2016	ISAG 2016 full Grant Utah, USA 2016.
2016	Full grant from the International Center for Agriculture Research in the Dry Areas (ICARDA)
2015	Full grant from the Ministry of Higher Education and Scientific Research of Tunisia
2015	Full grant from the European Federation of Animal Science (EAAP)
2015	Full grant from Professor Tielen Foundation (PTF)

## TRAINING OR RESEARCH ACTIVITY

description of activity	
<b>Biotalentum, Gödöllő, Hungary</b>	Cryopreservation of Microglia Human Cells Vitrification of Microglia Cells Stem Cell culture methods, quality control, good cell culture practices Writing EU project proposal
Avantea, Cremona, Italy	Advanced technologies for animal reproduction and biotechnology research Assisted reproduction technologies of farm animals, for safeguarding equine genetic resources.
The ERA chair of Translational Genomics at the University of Tartu, Estonia Eesti Maalikool, The University of Life Sciences of Tartu, Estonia, Veterinary	In vitro embryo production (Bovine) Characterization of extracellular vesicles (EVs) to understand: their role in intercellular communication in embryogenesis their potential use in developing diagnosis and treatment of infertility. Isolation, quantification, characterization, imaging, and RNA analysis of extracellular vesicles (EVs)
Center for Research in Agricultural Genomics (CRAG) laboratories of the Università Autonoma di Barcelona (UAB)	Genetic variability analysis of the indigenous goat population of Tunisia
The International Center for Agricultural Research in the Dry Areas (ICARDA) Amman, Jordan	Statistical Design, Data Analysis and Biometrical Techniques in Agricultural Research Design and analysis of variety trials Design and analysis of agronomic field trials: multi-factor experiments in RCB, split-plot experiments in RCB, strip-plot experiments in RCB. Data analysis using GenStat for Windows
Banque National de Genès de la Tunisie (BNGT)	Initiation to the different molecular tools applied in animal biotechnology. Molecular characterization, genotyping and calculation of genetic distances between animals.
Office de l'Élevage et des Pâturages de Tunisie (O.E.P)	Supervision, training and technical support to the different stakeholders in the livestock work field (breeders, producers of livestock feed, technicians and professional structures) Direct and personalized intervention through individual farm visits, personalized technical advice Technical support for farmers (cattle, sheep, goats).
The large hatchery of Poulina group, Tunisia	Artificial poultry egg incubation: artificial production of one-day-old chicks



## PROJECT ACTIVITY

Year	Project
2010	Genetic polymorphism study of the indigenous Barbarine sheep breed of Tunisia
2012	Genetic evaluation modeling (TDM and L305) in Tunisian Holstein dairy cattle in accordance to the flock sizes
2014	Genetic evaluation and conservation plans of Tunisian local Arbi goat
2017	European Marie Skłodowska-Curie actions (MSCA) grant program for doctoral training (Horizon 2020 MSCA-COFUND-Rep-Eat -G.A. n. 713714).
2021	Genetic diversity evaluation and conservation of European sheep breeds.
2022	SCALA-MEDI (PRIMA): Improving sustainability and quality of Sheep and Chicken production by leveraging the Adaptation potential of Local breeds in the MEDiterranean area

## CONGRESSES AND SEMINARS

Date	Title	Place
2014	International Seminar on Livestock and Wildlife in Arid and Desert Environments (SIEFAD)	Tunisia
2015	International Society on Animal Hygiene (ISAH)	Kosice, Slovakia
2015	EAAP	Warsaw, Poland
2016	ISAG	Utah, USA
2017	12th International Conference on Genomics (ICG)	Shenzhen, China
2017	Annual Meeting of Cellular and Molecular Biotechnologies	L'aquila, Italy
2018	the 64th Convegno GEI, Società Italiana di Biologia dello Sviluppo e della Cellula	L'aquila, Italy
2018	"Science for Inclusion"	Geneva, Suisse
2018	the Ovarian Club XI	Paris, France
2019	CellFit annual meeting, the Extracellular vesicles paradigm of intra and intercellular communication	Glyfada, Greece, Athens
2021	the I3 symposium "Therio"	Online
2022	circularity and sustainability in the food system	Piacenza, Italy

## PUBLICATIONS

Books/ Articles in reviews/ Congress proceedings
<p>-Yosra Ressaïsi, Genetic polymorphism study of the Tunisian Barbarine breed, JMFAO 2014.</p> <p>-Naceur M'hamdi, Mahdi Bouallegue, Saoussen Frouja, Yosra Ressaïsi, Satinder Kaur Brar and Mohamed Ben Hamouda, Effects of Environmental Factors on Milk Yield, Lactation Length and Dry Period in Tunisian Holstein Cows, INTECH 2011.</p> <p>-Yosra Ressaïsi and Mohamed Ben Hamouda, Effects of non-genetic factors on daily and 305-day milk yield in Holstein breed, les annales de l'INRAT, 2014.</p> <p>Yosra Ressaïsi and Mohamed Ben Hamouda, Milk yield in Tunisian Holstein cows, ISAH 2015.</p> <p>-Yosra Ressaïsi and Mohamed Ben Hamouda, Genetic evaluation models in Holstein cows: genetic parameters for test-day and 305-day milk yield, EAAP 2015.</p> <p>-Yosra Ressaïsi and Mohamed Ben Hamouda, Genetic evaluation modeling of the Tunisian dairy cattle: assessment of the test-day model (TDM) and lactation model (L305) in accordance to the flock size, 2019, BioRxiv: doi: <a href="https://doi.org/10.1101/589523">https://doi.org/10.1101/589523</a>.</p> <p>-Yosra Ressaïsi and Mohamed Ben Hamouda, 2018. Genetic Evaluation Models in Holstein Cows: Genetic Parameters for Test-Day and 305-Day Milk Yield. J Vet Ani Res 1: 205.</p> <p>-Yosra Ressaïsi and Mohamed Ben Hamouda, 2020. Heat stress effect assessment on milk yield in dairy herds of the Tunisian northern west area. Gen. Biodiv. J: 4(1), 44-52.</p> <p>-Yosra Ressaïsi, 2019. Population caprine domestique de la Tunisie : présentation de l'élevage caprin local et caractérisation de la chèvre autochtone. Revue Agriculture. 10(2) : 40- 55.</p> <p>-Yosra Ressaïsi and Mohamed Ben Hamouda, 2020. Heat stress effect assessment on milk yield in dairy herds of the Tunisian northern west area. Gen. Biodiv. J: 4(1), 44-52.</p>



- Yosra Ressaissi, Marcel Amills, Mohamed Ben Hamouda. Analyse de la variabilité de la région D- loop de l'ADN mitochondrial chez la population caprine domestique du semi-aride tunisien. 2020. Revue Agriculture.11: 73 - 82.
- Keerthie Dissanayake, Monika Nomm, Freddy Lattekivi, Yosra Ressaissi, Kasun Godakumara, Arina Lavrits, Getnet Midekessa, Janeli Viil, Rikke Bæk, Malene Møller Jørgensen, Sourav Bhattacharjee, Aneta Andronowska, Andres Salumets, Ülle Jaakma, Alireza Fazeli. 2020. Individually cultured bovine embryos produce extracellular vesicles that have the potential to be used as non-invasive embryo quality markers. Theriogenology 149: 104-116.
- Keerthie Dissanayake, Monika Nomm, Freddy Lattekivi, James Ord, Yosra Ressaissi, Kasun Godakumara, Qurat UL Ain Reshi, Janeli Viil, Kersti Jaager, Agne Velthut-Meikas, Andres Salumets, Ülle Jaakma, Alireza Fazeli. 2021. Oviduct as a sensor of embryo quality: deciphering the extracellular vesicle (EV)-mediated embryo-maternal dialogue. Journal of Molecular Medicine. <https://doi.org/10.1007/s00109-021-02042-w>.
- Yosra Ressaissi, Debora Agata Anzalone, Luca Palazzese, Marta Czernik, Pasqualino Loi. The impaired development of sheep ICSI derived embryos is not related to centriole dysfunction. 2021. Theriogenology 159: 7-12.

## OTHER INFORMATION

- Active reviewer participation in the International Association of Chemical, Biological & Medical Sciences Researchers (CBMSR) Committee within the reviewers committee of CBMSR (International Association of Chemical Biological & Medical Sciences Researchers).
- Active reviewer participation within the Common Ground Research Networks for potential publication within The International Journal of Environmental Sustainability.
- Active reviewer participation in the Eminent Association of Researchers in Biological & Medical Sciences under Eminent Association of Pioneers (EAP) within the reviewers committee of Eminent Association of Researchers in Biological & Medical Sciences (EARBM).
- Active reviewer participation within the Common Ground Research Networks for potential publication within The International Journal of Environmental Sustainability.
- Active writer and reviewer with the FAO "Food and Agriculture Organization"

Holding an Italian permit of stay

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.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: 03/02/2024