



AL MAGNIFICO RETTORE
DELL'UNIVERSITA' DEGLI STUDI DI MILANO

COD. ID: 6838

Il sottoscritto chiede di essere ammesso a partecipare alla selezione pubblica, per titoli ed esami, per il conferimento di un assegno di ricerca presso il Dipartimento di Dipartimento di Medicina Veterinaria e Scienze Animali

Responsabile scientifico: Cristina Lecchi

[Nome e cognome]

CURRICULUM VITAE

- Document 01 - Graduation degree certificate
- Document 02 - Doctorate enrolment
- Document 03 - Master's certificate
- Document 04 - English Certificate
- Document 05 - Italian Certificate
- Document 06 - Danish Certificate
- Document 07 - CNPq - Internship certificate
- Document 08 - Prize certificate
- Document 09 - Prize certificate
- Document 10 - FAPESP - Internship certificate
- Document 11 - Prize certificate
- Document 12 - CNPq - Master Scholarship
- Document 13 - PON - Doctorate Scholarship
- Document 14 - 1st internship project
- Document 15 - Graduation thesis
- Document 16 - 2nd internship project
- Document 17 - Master Project
- Document 18 - Phd Project
- Document 19 - Symposium certificate
- Document 20 - Workshop certificate
- Document 21 - ALAM certificate
- Document 22 - Workshop certificate
- Document 23 - Oral presentation EAAP 2023
- Document 24 - Poster presentation EAAP 2024
- Document 25 - Oral presentation EAAP 2024
- Document 26 - Oral presentation (co-author) EAAP 2024
- Document 27 - Poster presentation (co-author) EAAP 2024
- Document 28 - Oral presentation (co-author) EAAP 2024
- Document 29 - Paper 1
- Document 30 - Paper 2
- Document 31 - Paper 3
- Document 32 - Paper 4
- Document 33 - Paper 5
- Document 34 - Mentoring

INFORMAZIONI PERSONALI

Cognome	De Matos
Nome	Luiz Gustavo



OCCUPAZIONE ATTUALE

Incarico	Struttura
Dottorando	Dipartimento di Dipartimento di Medicina Veterinaria e Scienze Animali

ISTRUZIONE E FORMAZIONE

Titolo	Corso di studi	Università	anno conseguimento titolo
Laurea Magistrale o equivalente	Bachelor in Biology (doc 1)	Pontificia Universidade Católica de Campinas - Brazil	2019
Specializzazione			
Dottorato Di Ricerca	Scienze Animali	Dell'universita' degli studi di milano (doc 2)	2025
Master	Msc. in Food Sciences	Faculty of Food Engineering, State University of Campinas (doc 3)	2021
Diploma Di Specializzazione Medica			
Diploma Di Specializzazione Europea			
Altro			

ISCRIZIONE AD ORDINI PROFESSIONALI

Data iscrizione	Ordine	Città



LINGUE STRANIERE CONOSCIUTE

lingue	livello di conoscenza
Portoghese	Madre lingua
Inglese	C2 (doc 4)
Italiano	B2 (doc 5)
Danese	A2 (doc 6)
Spagnolo	B2

PREMI, RICONOSCIMENTI E BORSE DI STUDIO

anno	Descrizione premio
2017	National Council for Scientific and Technological Development – CNPq (doc 7)
2017	Award Winning Project " Organization of the zoological and didactic collection of PUC Campinas Faculty of Biological Science" Teaching Assistance Scholarship (doc 8)
2017	Award Winning for Oral Performance during project presentation at Pontíficia Universidade Católica de Campinas. Project: Composting as a way to reduce and recycle organic materials produced in professional and family kitchens (doc 9)
2018	Research Funding Foundation of São Paulo State – FAPESP (doc 10)
2018	Award Winning Project " Negative and positive-coagulase Staphylococcus identification isolated from dairy" (doc 11)
2020	National Council for Scientific and Technological Development – CNPq (doc 12)
2022	European Social Fund – Research and Innovation – PON (doc 13)

ATTIVITÀ DI FORMAZIONE O DI RICERCA

descrizione dell'attività

ATTIVITÀ PROGETTUALE

Anno	Progetto
2017	Applying composting techniques in schools in Campinas (Brazil) with a focus on reducing biowaste (doc 14)
2017	Microbiological and Immunological Aspects of Crohn's Disease: Possible Etiologies Involved in Crohn's Disease (15)
2018	Coagulase-Negative Staphylococcus: Analysis of Resistance Profile and Enterotoxigenic Potential in Strains Isolated from Dairy Products: at the State University of Campinas (doc 16)
2020	Comparison of bacterial diversity in wet- and dry-aged beef using traditional microbiology and next-generation sequencing (doc 17)



2022	The use of encapsulated essential oils and organic acids to reduce the production of organic pollutants in ruminants (doc 18)
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TITOLARITÀ DI BREVETTI

Brevetto

CONGRESSI, CONVEGNI E SEMINARI

Data	Titolo	Sede
2017	Principles of composting (doc 19)	I symposium on internal projects - Pontifícia Universidade Católica de Campinas - Brazil
2017	Composting as a way to reduce and recycle organic materials produced in professional and family kitchens (doc 9)	7th Annual University Extension Meeting - Pontifícia Universidade Católica de Campinas - Brazil
2018	Identification of coagulase-negative and positive Staphylococcus isolated from dairy products (doc 11)	15th Exhibition of Scientific Works of the Faculty of Biological Sciences State University of Campinas - Brazil
2020	New challenges in food safety (doc 20)	1st webinar on food safety - Faculty of Food Engineering, State University of Campinas - Brazil
2021	Microbiological analysis during maturation of aged meats (doc 21)	XXV Latin American Congress of Microbiology - Asuncion, Paraguay.
2022	Microbiome and its application - Molecular Biology applied to microbiology (doc 22)	II Workshop on Molecular biology in food safety - Faculty of Food Engineering, State University of Campinas
2023	Immunomodulatory effect of exosomes from the plasma of heat-stressed cows on bovine monocytes (doc 23)	74th EAAP - Lyon
2024	Reduction of CH ₄ production in ruminants using encapsulated feed additives in vitro (doc 24)	75th EAAP - Florence
2024	Immunomodulatory effect of small extracellular vesicles from the plasma of heat-stressed cows on bovine immune cells (doc 25)	75th EAAP - Florence
2024	In vitro rumen fermentation characteristics of insect processed proteins compared to a conventional protein source (doc 26)	75th EAAP - Florence



2024	In vitro evaluation of discarded carrot and pepper as feed ingredients for ruminants (doc 27)	75th EAAP - Florence
2024	In vitro evaluation of discarded leek as feed ingredients for ruminants (doc 27)	75th EAAP - Florence
2024	In vitro effects of mycotoxin Enniatin B on bovine PMNs immune function (28)	75th EAAP - Florence

PUBBLICAZIONI

Articoli su riviste
<ul style="list-style-type: none">Cândido, T.J. S., Silva, A.C., Matos, L.G., Nascimento, M. S., Camargo, C. H., Zanella, R. C., Rall, V.L.M., Silva, N. C. C. Enterotoxigenic potential and molecular typing of Staphylococcus sp. isolated from organic and conventional fresh minas cheese in the state of São Paulo, Brazil. International Dairy Journal, v. 102, 2020 (https://doi.org/10.1016/j.idairyj.2019.104605). (doc 29)Da Silva Abreu, A.C, Matos L.G., Da Silva Cândido T.J., Barboza G.R., Souza V.V.M.A., Nuñez K. V. M., Silva, N. C. C. Antimicrobial resistance of Staphylococcus spp. isolated from organic and conventional Minas Frescal cheese producers in São Paulo, Brazil. Journal of Dairy Science, v. 104, n. 4, p. 4012-4022, 2021. (doc 30)de Matos, L.G., A.C. da Silva Abreu, V.P.P. Alonso, J.L. Gonçalves, M. da Silva do Nascimento, S.B. Pflanzner Jr, J.H. Rezende-de-Souza, C. Gini, N.F. Murad, M.M. Brandão, and N.C.C. Silva. 2024. COMPARISON OF BACTERIAL DIVERSITY IN WET- AND DRY-AGED BEEF USING TRADITIONAL MICROBIOLOGY AND NEXT GENERATION SEQUENCING. The Microbe 100035. doi:10.1016/j.microb.2024.100035. (doc 31)Crippa BL, De Matos LG, Souza FN and Silva NCC 2024. Non- aureus staphylococci and mammaliicocci (NASM): Their role in bovine mastitis and One Health. Journal of Dairy Research (doc 32)Ceciliani, F.; Maggiolino, A.; Biscarini, F.; Dadi, Y.; De Matos, L. G.; Cremonesi, P.; Landi, V.; De Palo, P.; Lecchi, C. "Heat stress has divergent effects on the milk microbiota of Holstein and Brown Swiss cows" – has been accepted for publication (doc 33)

ALTRE INFORMAZIONI

<ul style="list-style-type: none">- Academic Supervisor for Undergraduate Research Project, Faculty of Veterinary Medicine and Animal Science, University of Milan. I mentored Miriam Falco¹, Clara Cenati², Rania Abdi³, Ombretta Balbi⁴, and Filippo Panzeri⁵ on their Scientific Initiation Projects: ¹EXOSOMES DERIVED FROM THE PLASMA OF HEAT-STRESSED COWS EXERT IMMUNOMODULATORY ACTIVITIES ON BOVINE MONOCYTES. ²THE EFFECTS OF ORGANIC COMPOUNDS ON VIABILITY AND APOPTOSIS OF BOVINE PBMCS. ³THE TOXICITY EFFECTS OF ESSENTIAL OILS ON BOVINE PBMCS. ⁴SMALL EXTRACELLULAR VESICLES ISOLATED FROM THE PLASMA OF HEAT-STRESSED BROWN SWISS MODULATE POLYMORPHONUCLEAR CELLS IN VITRO ⁵SMALL EXTRACELLULAR VESICLES ISOLATED FROM THE PLASMA OF HEAT-STRESSED HOLSTEIN COWS MODULATE POLYMORPHONUCLEAR CELLS IN VITRO- Academic Mentoring in Microbiology at Pontifícia Universidade Católica de Campinas



- Academic Mentoring in Biochemistry at Pontificia Universidade Católica de Campinas

Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del DPR n. 445/2000.

Il presente curriculum, non contiene dati sensibili e dati giudiziari di cui all'art. 4, comma 1, lettere d) ed e) del D.Lgs. 30.6.2003 n. 196.

RICORDIAMO che i curricula **SARANNO RESI PUBBLICI sul sito di Ateneo** e pertanto si prega di non inserire dati sensibili e personali. Il presente modello è già precostruito per soddisfare la necessità di pubblicazione senza dati sensibili.

Si prega pertanto di **NON FIRMARE** il presente modello.

Luogo e data: _____, _____