



Mahmood Ul Hassan

EDUCATION AND TRAINING

[11/2023 – Current]

PhD Scholar

Department of Agriculture, Food and Forestry, Università degli Studi di Palermo

City: Palermo

Country: Italy

[20/10/2021 – 13/06/2023]

Master's in Animal Nutrition And Nutritional Diseases,

Ataturk University

City: Erzurum

Country: Türkiye

Final grade: CGPA 3.71/4

[18/01/2023 – 04/06/2023]

Erasmus+ Traineeship

Department of Animal Nutrition, Poznan University Of Life Sciences

City: Poznan

Country: Poland

[31/07/2023 – 14/08/2023]

SDG Global Summer School (Carbon Neutrality)

College of Environmental and Resource Sciences, Zhejiang University

Country: China

[2015 – 2020]

Doctor Of Veterinary Medicine,

University Of Veterinary And Animal Sciences

City: Lahore

Country: Pakistan

Final grade: CGPA: 3.79/4

WORK EXPERIENCE

[28/09/2023 – 31/01/2024]

Veterinarian

Dutpina Dairy Farm

City: Malatya

Country: Türkiye

Calf health & nutrition, Transitional cow & calving management

[07/01/2022 – 10/06/2022]

Trainee at Nail Cinsli Cattle Farm

City: Erzurum

Country: Türkiye

Nutritional Management, Feeding Strategies at Farm, Cattle Well-being

[10/06/2019 – 10/08/2019]

Trainee

UVAS Holstein Farm (USAID FUNDED)

City: Pattoki, Lahore

Country: Pakistan

R & D, Nutritional Management, Animal Welfare, Heat Stress Management, Supply Chain Management

[08/02/2020 – 06/06/2020]

Internee

Big Feeds Pvt. Limited

City: Raiwind, Lahore

Country: Pakistan

Proximate Analysis of Feed, Feed Quality Assurance, Dairy Cattle Feed Formulation, Feeding Trials

[10/06/2017 – 15/08/2017]

Internee

Mobile Veterinary Dispensary

City: Depalpur

Country: Pakistan

Extension Services in Fields (Feeding and Health of Dairy Animals).

[26/10/2020 – 19/04/2021]

Farm manager

Pasban Poultry Services

City: Okara

Country: Pakistan

**PROJECTS IN MASTERS
AND
ERASMUS+TRAINEESHIP**

[2022 – 2023]

Effects of Acacia Tree (*Robinia pseudoacacia*) Leaves And Molasses on Silage Fermentation Quality, in vitro Ruminant Fermentation, Methane Production And Nutrient Degradability

Master's Thesis Project: CH₄ Abatement, IVDMD, Reducing NH₃-N Excretion, Silage Quality Improvement.

[2023] **The potential of multispecies grassland swards for climate care cattle farming in EU**

Ruminal fermentation characteristics (VFAs, microbiota, IVDMD), Bioactive compounds, CH₄, and N₂O emissions

Erasmus+ Trainee in Climate Care Cattle (CCC) Farming ERANET Project

PUBLICATIONS

Potential of Paulownia Leaves Silage in Lamb Diet to Improve Ruminant Fermentation and Fatty Acid Profile – an in Vitro Study

Reference: DOI: 10.2478/aoas-2023-0065

[2023]

Abstract: Effect of inoculated grass silage on rumen fermentation and methane emission in dairy cows

In vivo study: EAAP Nitra 26-28th April Annual Meeting (Session 7: Environmental Aspects of Animal Nutrition)

[2023]

Abstract: Impact of the long-cut chaff technology on milk yield and methane emission in dairy cows

In vivo study: EAAP Nitra 26-28th April Annual Meeting (Session 7: Environmental Aspects of Animal Nutrition)

[2022] **Abstract: Economical And Efficient Ways To Run An Ecological-Friendly Dairy Business**

Review: Role of seaweed (*Asparagopsis* Spp.) in Cattle feed for methane mitigation.

4th International Conference on Applied Engineering and Natural Sciences at Konya/Turkey.

[2022]

Poster: Recent Advances in Alfalfa Silage Inoculants to improve Fermentation Quality And Methane Mitigation of Feed.

Biohealth Congress in Afyon Kocatep University, Turkey.

[2021]

Review Paper: Effects Of Manipulating Acid-Base Balance And Source Of Vitamin D On Performance And Health Status Of High Yielding Transitional Cows

Atavet II International Student Conference, Erzurum Turkey.

DIGITAL SKILLS

Microsoft Office: Word, Excel, Access, Power Point, Outlook. | Analyze Data Using SPSS | R programming | Endnote

COMMUNICATION AND INTERPERSONAL SKILLS

Project Management

I have the ability to innovate, communicate well, and lead a team seamlessly.

Time Management

I can manage the time frame of any task to deliver it before the deadline.

Flexible Approach

I have the ability to adapt to new technologies quicker than most—inherent enthusiasm to learn new stuff.

Team Building & Organizer

I'm an initiative taker and have problem-solving ability so I can build a team for a task.

LANGUAGE SKILLS

Mother tongue(s): Urdu , Panjabi

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Turkish

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

[2023] **Italian Govt. Scholarship for PhD**

[2020] **Turkish Govt. Scholarship for Masters Awarding institution:** YTB

[2018] **HEC Need Base Scholarship Awarding institution:** Higher Education Commission, Pakistan

[2017] **PEEF Merit Scholarship Awarding institution:** Punjab Educational Endowment Fund

[2017] **Laptop from Prime Minster of Pakistan Awarding institution:** Federal Government, Pakistan.

[2016] **University Merit Scholarship Awarding institution:** UVAS, Lahore

[2014] **Laptop from Chief Minister of Punjab**

[2013] **College Merit Scholarship Awarding institution:** Punjab Group Of Colleges

PROFESSIONAL COURSES

Project Management from International Student Academy YTB, Turkey

Dairy Production & Management from Penn State College of Agricultural Sciences, USA

Sustainable Food Production Through Livestock Health Management from University Of ILLINOIS

Entrepreneurship And International Trade from International Student Academy YTB, Turkey

Animal Behavior And Welfare by Edinburg University

The Challenges of Global Health From Duke University.

Transition Cow webinar Series by Pro-Dairy Cornell cooperative Extension

Epidemics- The Dynamics of Infectious Diseases from Pennsylvania State University.

NETWORKS AND MEMBERSHIPS

International Veterinary Student Association.

EAAP – European Federation of Animal Science

Global Outreach of the American Society for Microbiology (ASM) Membership

CONFERENCES AND SEMINARS

NIR Applications in Different Animal Production operations

Webinar by Evonik

Awareness seminar on field biosafety by Health Security Partners, USA Pattoki, Lahore

International seminar on seafood Online in Turkey

International Conference on Zoonosis As A Threat to Global Health Lahore, Pakistan

Cold & Warm Weather Ventilation Cobb Europe

Rabies awareness and current status in Pakistan Global UGRAD, Lahore

International Poultry Expo Lahore, Pakistan

Challenges and Innovations in poultry sector.

Youth Enterprise Development workshop by ORIC, UVAS Lahore

[2021]

Topic: Innovad Asia-Pacific - e-Conference Webinar Mycotoxin analysis in blood - Discovering real mycotoxin exposure.

Singapore

Toxicokinetic, Mycotoxin occurrence, detection and mitigation strategies (Mycomarkers, Escent S)

HOBBIES AND INTERESTS

Ruminant Nutrition and Methane Abatement

Sustainable Agroecological Production

Research And Development (R & D)

Teaching & Training

Online learning, Newspaper reading

Cooking, Gardening, Travelling

Football, Cricket , Athlete, Cycling

REFERENCES

Prof. Massimo Todaro

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Department of Agriculture, Food and Forestry (SAF)

massimo.todaro@unipa.it

Prof. Dr. Mehmet GÜL

Master's Thesis Supervisor

Head Of Department of Animal Nutrition and Nutritional Diseases.

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Prof. Dr. Armağın HAYIRLI

Department of Animal Nutrition and Nutritional Diseases.

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