



Naod Thomas Masebo

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ORCID: orcid.org/0000-0002-9616-5015 **Google Scholar :** <https://g.co/kgs/ljj6x6M>
Gender: Male **Date of birth:** 27/03/1981 **Nationality:** Ethiopian

ABOUT ME

My name is Naod Thomas Masebo, and I was born in Hawassa, Ethiopia, on March 27, 1981. I am deeply passionate about research in several key areas in veterinary science, including animal welfare, behavior, animal health, international veterinary legislation/regulation/laws, and food safety. Additionally, I have a strong interest in the field of precision livestock farming and sustainable livestock farming. I am always eager to learn new things and embrace new challenges as opportunities for personal and professional growth. My dedication to my work is matched by my enthusiasm, making me a hardworking individual who thrives in collaborative environments. I take pride in my ability to work effectively within large groups, contributing my skills and knowledge while also learning from others. I am continually driven to improve myself and expand my expertise in my fields of interest.

EDUCATION AND TRAINING

[01/11/2019 – 20/07/2023]

PhD in Veterinary Sciences, Curriculum Clinical Sciences

Department of Veterinary Medical Sciences – University of Bologna, Italy <https://www.unibo.it/it>

City: Bologna | **Country:** Italy | **Field(s) of study:** Veterinary Sciences | **Final grade:** Excellent
Thesis: Masebo, N. T. (2023). European Union (EU) general farm animal directive applicability in Africa and bovine welfare assessment in Italy. PhD Thesis, University of Bologna, Department of Veterinary Medical Science, Ozzano Dell' Emilia, Bologna , Italy,

- Data collection, analysis, and scientific paper writing
- Development and customization of animal welfare assessment protocols
- In-depth analysis and investigation of European Union (EU) veterinary legislation, including laws on animal health, welfare, veterinary medicinal products, and drug regulation
- Welfare assessments of farm animals, including beef and dairy cattle
- Clinical examination of ruminants (cattle, goats)
- Collection of clinical samples from dairy and beef cattle
- Evaluation and visits to various livestock farms
- Preparation and presentation of seminars
- Participation in lectures and seminars
- Four publications were produced during the PhD study.

[20/09/2010 – 05/06/2012]

Master of Veterinary Science in Tropical Veterinary Public Health

College of Veterinary Medicine and Agriculture- Addis Ababa University, Ethiopia <https://www.aau.edu.et/>

City: Bishoftu | **Country:** Ethiopia | **Field(s) of study:** Veterinary Public Health | **Thesis:** Bacteriological Quality of Raw Beef Collected from Municipality Slaughterhouse and Local Markets in and around Wolaita Soddo Town, Southern Ethiopia.,

[01/09/2000 – 31/08/2006]

Doctor of Veterinary Medicine

College of Veterinary Medicine and Agriculture- Addis Ababa University, Ethiopia <https://www.aau.edu.et/>

City: Bishoftu | **Country:** Ethiopia | **Thesis:** Abomasal nematodes of sheep and goats slaughtered in Awassa (Ethiopia): species composition, prevalence, and vulvar morphology

WORK EXPERIENCE

[15/05/2023 – Current]

Research Assistant (Research fellowship).

Department of Agricultural and Food Sciences and Technologies (DISTAL), University of Bologna

City: Bologna | **Country:** Italy

- Conducted research, data collection, analysis, and scientific paper writing
- Research paper presentation in international conferences
- Working and collaborating with stakeholder organizations like EFSA (European Food Safety Authority)
- Co-investigator for EFSA's task grant on the scientific and technical aspects of cat and dog welfare in commercial breeding establishments (**see acknowledgement part of the published EFSA technical report "Scientific and technical assistance on welfare aspects related to housing and health of cats and dogs in commercial breeding establishments").
- Co-investigator for EFSA's task grant on beef cattle husbandry and welfare in European Union
- Co-investigator for EFSA's task grant on horses, donkeys and their hybrids welfare and husbandry in European Union
- Engaged in precision livestock farming (PLF), evaluating the best body regions for measuring superficial skin temperature (SST) in dairy goats under heat stress (presented at the ECPLF 2024 conference)
- Integrated infrared thermography to assess thermal stress and behavior in dairy goats
- Collected data, analyzed, and contributed to the writing of a systematic review of scientific papers
- Conducted welfare assessments of extensively managed Dromedary camels in Pakistan (performed in Pakistan).
- Applied infrared thermography to assess dromedary camels in Pakistan (performed in Pakistan).

[20/10/2012 – 30/09/2019]

Assistant professor

Wolaita Sodo University, Woliat Sodo, Ethiopia

City: Woliat Sodo | **Country:** Ethiopia

- Engaged in teaching, research, and community service activities
- Delivered lectures and provided practical training to veterinary medicine students in courses such as avian pathology, milk hygiene, meat hygiene, risk analysis, zoonoses, tropical infectious diseases, food safety, large animal medicine, and clinical medicine
- Prepared research and community service proposals
- Supervised 11 undergraduate Veterinary Medicine student theses and 1 master's student thesis
- Developed teaching materials, including modules, lecture notes, and manuals

Conducted research funded by the School of Veterinary Medicine, Wolaita Sodo University, Ethiopia

- Led a serological investigation of brucellosis in smallholder dairy farms in and around Wolaita Sodo, Ethiopia
- Conducted bacteriological quality assessments of raw milk and cheese in selected districts of the Wolaita Zone, Ethiopia
- Contributed to improving small-scale poultry farming by investigating diseases, designing prevention and control strategies, and enhancing production systems in selected areas of the Wolaita Zone, Southern Ethiopia (research and community service)
- Identified and documented indigenous knowledge of livestock production and ethnoveterinary practices in Wolaita Zone, Southern Ethiopia

[15/09/2006 – 20/06/2010]

Senior lecturer

Wolaita Sodo Agricultural and Vocational educational College, Wolaita Sodo, Ethiopia

City: Wolaita Sodo | **Country:** Ethiopia

- Engaged in teaching, research, and community service
- Developed teaching modules and instructed middle-level agricultural professionals in various subjects, including veterinary anatomy and physiology, animal health, livestock husbandry, and food hygiene and safety

PUBLICATIONS

[2024]

Welfare Assessment of Dromedary Camels Kept Under Pastoralism in Pakistan

Padalino B, Faraz A, Masebo NT, Waheed A, Ishaq HM, Tauqir NA, Abbasi AR and Menchetti L (2024) Welfare assessment of dromedary camels kept under pastoralism in Pakistan. Front. Vet. Sci. 11:1442628. doi: 10.3389/fvets.2024.1442628

- [2024] [Evaluation of antimicrobial and non-steroidal anti-inflammatory treatments for BRD on health and welfare in fattening bulls: a cross-sectional study.](#)
- Masebo, N.T.**, Marliani, G., Shannon Del Re, F., Abram, L., Cavallini, D., Di Pietro, M., Beltrame, A., Schiavon, E., Bolcato, M., Hernandez Bermudez, J. and Gentile, A., 2024. Evaluation of antimicrobial and non-steroidal anti-inflammatory treatments for BRD on health and welfare in fattening bulls: a cross-sectional study. *Veterinary Quarterly*, 44(1), pp.1-11.
- [2023] [Cats' and dogs' welfare: text mining and topics modeling analysis of the scientific literature.](#)
- Adamakopoulou C, Benedetti B, Zappaterra M, Felici M, **Masebo NT**, Previti A, Passantino A and Padalino B (2023) Cats' and dogs' welfare: text mining and topics modeling analysis of the scientific literature. *Front. Vet. Sci.* 10:1268821.
- [2024] **Knowledge and Perception of Animal Welfare at the Camel Market in Egypt**
- Barbara Padalino, **Naod Thomas Masebo**, Beatrice Benedetti, Ziani Abdelali, Laura Menchetti (2024) Knowledge and Perception of Animal Welfare at the Camel Market in Egypt. *Journal of Camelid Science (accepted publication)*.
- [2023] [Dromedary camel's welfare: literature from 1980 to 2023 with a text mining and topic analysis approach.](#)
- Masebo, N.T.**, Zappaterra, M., Felici, M., Benedetti, B. and Padalino, B., Dromedary camel's welfare: literature from 1980 to 2023 with a text mining and topic analysis approach. *Frontiers in Veterinary Science*, 10, p.1277512.
- [2023] [Health and welfare assessment of beef cattle during the adaptation period in a specialized commercial fattening unit](#)
- Masebo, N.T.**; Marliani, G.; Cavallini, D.; Accorsi, P.A.; Di Pietro, M.; Beltrame, A.; Gentile, A.; Jacinto, J.G.P., Health and welfare assessment of beef cattle during the adaptation period in a specialized commercial fattening unit, «RESEARCH IN VETERINARY SCIENCE», 2023, 158, pp. 50 – 55
- [2022] **GENITAL TRACT INVOLVEMENTS IN A BULL AFFECTED BY BOVINE BESNOITIOSIS**
- Naod Thomas Masebo**, Marilena Bolcato, Joana Jacinto, Arcangelo Gentile, Gianfranco Militerno, *GENITAL TRACT INVOLVEMENTS IN A BULL AFFECTED BY BOVINE BESNOITIOSIS*, « LARGE ANIMALS REVIEW», 2022, 28, pp. 161 - 164
- [2022] [Navel Healing and Calf Fitness for Transport.](#)
- Roccaro, M., Bolcato, M., **Masebo, N. T.**, Gentile, A., and Peli, A. (2022). Navel Healing and Calf Fitness for Transport. *Animals*, 12(3), 358.
- [2007] [Abomasal nematodes of sheep and goats slaughtered in Awassa \(Ethiopia\): species composition, prevalence and vulvar morphology.](#)
- N. THOMAS**, S. TESHLE, B. KUMSA (2007) Abomasal nematodes of sheep and goats slaughtered in Awassa (Ethiopia): species composition, prevalence and vulvar morphology. *HELMINTHOLOGIA*, 44, 2: 70 – 75, 2007 <https://doi.org/10.2478/s11687-007-0006-8>
- [2017] [Cloacal Carriage and Multidrug Resistance Escherichia coli O157:H7 from Poultry Farms, Eastern Ethiopia](#)
- Mude Shecho, **Naod Thomas**, Jelalu Kemal, and Yimer Muktar, "Cloacal Carriage and Multidrug Resistance Escherichia coli O157:H7 from Poultry Farms, Eastern Ethiopia," *Journal of Veterinary Medicine*, vol. 2017, Article ID 8264583, 9 pages, 2017. doi:10.1155/2017/8264583

[2018] **Major Causes of Chicken Mortality and Gross Pathological Study on Commercial Poultry Farms in Wolaita Sodo Town, Southern Ethiopia.**

Henok Petros Ayza, **Naod Thomas Masebo** and Mandefrot Meaza Zeleke (2018) Major Causes of Chicken Mortality and Gross Pathological Study on Commercial Poultry Farms in Wolaita Sodo Town, Southern Ethiopia. *Advances in Biological Research* 12 (4): 153-161, 2018, DOI: 10.5829/idosi.abr.2018.153.161

[2016] **A Study on the Prevalence of Bovine Mastitis and Associated Risk Factors in and the Surrounding areas of Sodo Town, Wolaita Zone, Ethiopia.**

Endale Mekonnin, Eyob Eshetu, Addisu Awekew & **Naod Thomas** (2016) A Study on the Prevalence of Bovine Mastitis and Associated Risk Factors in and the Surrounding areas of Sodo Town, Wolaita Zone, Ethiopia. *Global Journal of Science Frontier Research (D)* 16, 2: 13-18. DOI: 10.17406/GJSFR

[2017] **Study on the Prevalence of Bovine Fasciolosis and Estimated Financial Losses Due to Liver Condemnation: In case of Angacha Woreda, Kambata Tembaro Zone, Southern Ethiopia.**

Eyob Eshetu, **Naod Thomas**, Addisu Awukew, Amenu Goa, Berhanu Butako (2017) Study on the Prevalence of Bovine Fasciolosis and Estimated Financial Losses Due to Liver Condemnation: In case of Angacha Woreda, Kambata Tembaro Zone, Southern Ethiopia. *Journal of Biology, Agriculture and Healthcare* Vol.7, No.7, 2017 ISSN 2224-3208 (Paper) ISSN 2225 093X (Online).

[2015] **Bacteriological Quality of Raw Beef Collected from Municipality Slaughterhouse and Local Markets in and around Wolaita Sodd Town, Southern Ethiopia**

Thomas N, Kiros A, Pal M, Aylate A (2015) Bacteriological Quality of Raw Beef Collected from Municipality Slaughterhouse and Local Markets in and around Wolaita Sodd Town, Southern Ethiopia. *Int J Vet Health Sci Res.* 3, 8: 75-81.

[2016] **Bacteriological Quality Assessment of Raw Milk and Cheese in Selected Woreda of Wolaita Zone, Ethiopia.**

Ashenafi Kiros, Alemu Aylate, **Naod Thomas**, Biniam Tadesse & Asefa Asmare (2016) Bacteriological Quality Assessment of Raw Milk and Cheese in Selected Woreda of Wolaita Zone, Ethiopia. *Global Journal of Science Frontier Research (D)* 16, 6:37-42

[2017] **Assessment of the Major Animal Health Problems and its Economic Impact on Beef Cattle Export Industry at Adama Quarantine Station, Central Ethiopia.**

Adege HB, **Masebo NT** (2017) Assessment of the Major Animal Health Problems and its Economic Impact on Beef Cattle Export Industry at Adama Quarantine Station, Central Ethiopia.

Int J Vet Health Sci Res. 5(2), 165-170. ISSN 2332-2748

CONFERENCES AND SEMINARS

[09/09/2024 – 12/09/2024] **The 11th European Conference on Precision Livestock Farming** Bologna

Oral presentation: Naod Thomas Masebo, Marilena Bolcato, Martina Zappaterra, Valeria Bocchi, Barbara Padalino, Leonardo Nanni Costa (2024) Identification of the best body regions for measuring superficial skin temperature (SST) in Dairy Goats exposed to thermal stress. 11th European Conference on Precision Livestock Farming, Sep. 9-12, Bologna, Italy, pp. 1194-1201

Link: <https://www.ecplf2024.it/>

XXII Middle European Buiatric Congress Stara Zagora

Poster presentation, **N.T. Masebo**, G. Marliania, D. Cavallinia, P.A. Accorsia, M. Di Pietrob, A. Beltramec, A. Gentilea, J.G.P. Jacintoa., "Health and welfare assessment of beef cattle during the adaptation period in a specialized commercial fattening unit" Proceedings of the XXII Middle European Buiatric Congress, Stara Zagora, 2023 pp.89 (XXII Middle European Buiatric Congress, Stara Zagora, Bulgaria, 31st May to 3rd of June, 2023).

Link: <https://www.mebcxxii.bg/index.php/schedules>

XX Middle European Buiatric Congress

Poster presentation **Masebo N.T.**, Bolcato M., Jacinto J.G.P., Gentile A., Militerno G., *Genital tract involvements in a bull affected by bovine besnoitiosis*, in: Proceedings of the XX Middle European Buiatric Congress, Ptuj, 2021, pp. 85 - 85 (atti di: XX Middle European Buiatric Congress, Ptuj, Slovenia, 22nd to 25th of September 2021).

Link: <https://buiatrics.com/blog/slovenia-20th-middle-european-buiatrics-congress-postponed-to-september-22-25-2021/>

XXII Middle European Buiatric Congress Stara Zagora

Poster presentation, **Naod Thomas Masebo**, Giovanna Marliani, Flavia Shannon Del Re, Laura Abram, Damiano Cavallini, Marco Di Pietro, Andrea Beltrame, Eliana Schiavon, Marilena Bolcato, Joaquin Hernandez Bermudez, Arcangelo Gentile and Joana G P Jacinto "Cross-sectional observational study of different BRD antimicrobial and non-steroid anti-inflammatory treatments on health and welfare in fattening bulls" Proceedings of the XXII Middle European Buiatric Congress, Stara Zagora, 2023 pp.96 (XXII Middle European Buiatric Congress, Stara Zagora, Bulgaria, 31st May to 3rd of June, 2023).

[04/10/2022 – 08/10/2022] **World Buiatrics Congress - Madrid 2022** Madrid

XXI Middle European Buiatrics Congress Stare Jabłonki

Oral presentation by co author: Roccaro, M., Bolcato, M., **Masebo, N. T.**, Gentile, A., & Peli, A. (2022). Navel Healing and Calf Fitness for Transport. XXI Middle European Buiatrics Congress, May 19th -22nd, 2022 Stare Jabłonki, Poland

LANGUAGE SKILLS

Mother tongue(s): Amharic, Wolaitigna

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Italian

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Professional interaction and communication with professors and researchers during my postdoctoral fellowship
- Excellent communication skill with stakeholder organization, experts
- Professional interaction with various research groups, and students during the PhD period.

- Good communication skills acquired through my experience as researcher and PhD student at University of Bologna
- I am a person who can easily communicate with different people and get to know people easily, and I could work in a group or as a team and easily incorporate myself into different societies, I believe I have great problem-solving ability, and am always open to learning new things from different people and from the experience that I encounter. I believe I have acquired these skills from the previous workplace I have spent, from the university, and from different people I met.

DIGITAL SKILLS

My Digital Skills

Microsoft Office | Microsoft Word | Social Media | IBM Statistical package for Sciences (SPSS) | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access

MANAGEMENT AND LEADERSHIP SKILLS

Department Head and coordinator

- Worked as a department head of animal science department at Wolaita Sodo ATVET college, I have developed good leadership and coordination skills
- Worked as a coordinator for educational Quality at Wolaita Sodo University, coordinating activities.
- I believe I can work with different teams, as a team leader and as a member, can manage different departments or team coordination, can easily communicate with people and also, and can manage the different resources including the budget properly.

RECOMMENDATIONS

Arcangelo Gentile (Professor)

Department of Veterinary Medical Sciences, University of Bologna

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Barbara Padalino (Associate Professor)

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Martina Zappaterra (Assistant professor)

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