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Place of birth: *  Phone number: (+40) 0000000000

 Home: (Romania)

EDUCATION AND TRAINING

Ph. Doctor in veterinary sciences (Parasitology)

University of Agricultural Sciences and Veterinary Medicine [21/10/2021 – Current]

City: Cluj Napoca | Country: Romania | Website: <https://www.usamvcluj.ro/>

Ph. Doctor in Ecology an Environment

Univeristy Badji Mokhtar [30/10/2017 – 17/01/2024]

City: Annaba | Country: Algeria | Website: <https://www.univ-annaba.dz/>

Master in Environmental Health

Univeristy Badji Mokhtar [09/2016 – 06/2017]

City: Annaba | Country: Algeria | Website: <https://www.univ-annaba.dz/>

Veterinary Doctor

Chadli Bendjedid [09/2010 – 06/2016]

City: El Tarf | Country: Algeria | Website: <https://univ-eltarf.dz/ucbet/fr/>

WORK EXPERIENCE

 *university Chadli Bendjedid El tarf* – El tarf , Algeria

City: El tarf | Country: Algeria

University teaching assistant

[09/2024 – Current]

- Scientific Article Analysis (online)
- Research Methodology (online)

 *University of Agricultural Sciences and Veterinary Medicine* – Cluj napoca, Romania

City: Cluj napoca | Country: Romania

University research assistant

[01/2024 – Current]

- Fieldwork
- laboratory work

 *University of Agricultural Sciences and Veterinary Medicine* – Cluj Napoca, Romania

City: Cluj Napoca | Country: Romania

University teaching assistant

[10/2022 – 06/2024]

Animal Biology
Parasitology

Badji Mokhtar university – Annaba, Algeria

City: Annaba | Country: Algeria

University teaching assistant

[09/2018 – 06/2020]

Parasitic ecology
Research methodology

STRIX – Lisbonne , Portugal

City: Lisbonne | Country: Portugal

Environmental expert

[06/2018 – 06/2020]

- External expert in impact of wind farms on bats
- Redaction of report
- Field work: catch-release bats
- morphological and acoustic identification of bat species

PUBLICATIONS

[2025]

A six-legged anomalous *Dermacentor niveus* (Acari: Ixodidae) female tick from a camel (*Camelus dromedarius*) in Uzbekistan

Mechouk, N., Safarov, A., Kunisov, B., Sazmand, A., & Deak, G. (2025). A six-legged anomalous *Dermacentor niveus* (Acari: Ixodidae) female tick from a camel (*Camelus dromedarius*) in Uzbekistan. *Persian Journal of Acarology*, 14(2), 357-360.

[2025]

Camels as reservoirs for *Babesia caballi*: further evidence from Uzbekistan

Alisher Safarov, **Noureddine Mechouk**, Alireza Sazmand, Angela Monica Ionică, Ansorkhon Maksudov, Baurjan Kunisov, Georgiana Deak. *Veterinary Parasitology: Regional Studies and Reports* (under review)

[2025]

New Record of *Rhipicephalus fulvus* (Neumann, 1913) from Goats and Sheep in Northeastern Algeria After more than a Century

Dib, L., Boucheikhchoukh, M., **Mechouk, N.**, Culda, C. A., Bouattour, A., Benakhla, A., & Leulmi, H. (2025). New Record of *Rhipicephalus fulvus* (Neumann, 1913) from Goats and Sheep in Northeastern Algeria After more than a Century. *Acta Parasitologica*, 70(1), 8.

[2025]

Tracking invasion events: phylogeography of *Hyalomma marginatum* in the Mediterranean basin with a focus on Southern France

Carla Giupponi, Hélène Jourdan-Pineau, Célia Bernard, Valeria Blanda, Maria Bourquia, David Bru, Oscar Cabezón, Laura Carrera-Faja, Johan Espunyes, Yuval Gottlieb, Charlotte Joly-Kukla, Laurence Malandrin, **Noureddine Mechouk**, Andrei Daniel Mihalca, Thomas Pollet, Phonsiri Saengram, Alessandra Torina, Félix Valcárcel, Zati Vatansever, Laurence Vial, Abderrahmane Zahri, Hélène Verheyden, Karine Huber. *Parasites & Vectors*

[2025]

First molecular evidence of *Aelurostrongylus abstrusus* in domestic cats from Africa and a synopsis of its occurrence across the continent

Mitreă, I. B., Cibulka, P., Ionică, A. M., Ndlovu, N. A., Mukarati, N. L., Hove, T., **Mechouk, N** & Mihalca, A. D. (2025). First molecular evidence of *Aelurostrongylus abstrusus* in domestic cats from Africa and a synopsis of its occurrence across the continent. ***Veterinary Parasitology: Regional Studies and Reports***, 101302.

[2025]

Checklist of Leech Species from Maghreb with new data on *Sclerophrys mauritanica*'s heavy infestation by *Batrachobdella algira*

Noureddine Rabah Sidhoum, Mehdi Boucheikhchoukh, Bouthaina Hasnaoui, Mohammed Lamine Bendjeddou, **Nour eddine Mechouk**, Hamza Leulmi. ***Biologia*** (Under review)

[2025]

Monthly and daily dynamics of *Stomoxys calcitrans* (Diptera: 2 Muscidae) in livestock farms of the Batna region (Northeastern 3 Algeria)

Chaimaa Azzouzi, Mehdi Boucheikhchoukh, **Noureddine Mechouk**, Scherazad Sedraoui, Safia Zenia. ***Parasitologia MDPI*** (Under review)

[2025]

Erythema migrans-like lesions associated with *Borrelia afzelii* infection in a European badger, *Meles meles*

Andrei Daniel Mihalca, Georgiana Deak, Cristina Daniela Cazan, **Noureddine Mechouk**, Andrada Negoescu, Marian Taulescu, Călin Mircea Gherman. ***Frontiers in Veterinary Science*** (under review)

[2024]

Molecular evidence of *Borrelia lusitaniae* from questing *Ixodes* ticks in Algeria

Mechouk, N., Ionică, A. M., Cazan, C. D., Deak, G., Boucheikhchoukh, M., Bendjeddou, M. L., ... & Mihalca, A. D. (2024). Molecular evidence of *Borrelia lusitaniae* from questing *Ixodes* ticks in Algeria. ***Veterinary Parasitology: Regional Studies and Reports***, 101062.

[2024]

First identification of *Trichinella britovi* in a domestic dog (*Canis familiaris*) from Algeria

Mechouk, N., Deak, G., Ionică, A. M., Bouslama, Z., & Mihalca, A. D. (2024). First identification of *Trichinella britovi* in a domestic dog (*Canis familiaris*) from Algeria. ***Veterinary Parasitology: Regional Studies and Reports***, 101135.

[2024]

First report of *Angiostrongylus vasorum* in an African golden wolf (*Canis lupaster*) in Algeria

Mechouk, N., Deak, G., Ionică, A. M., Toma, C., Negoescu, A. G., Taulescu, M., ... & Mihalca. ***Parasites & Vectors***

[2024]

A new canid host for subcutaneous ticks: A report from Algeria in an African golden wolf (*Canis lupaster*)

Mechouk, N., Deak, G., Boucheikhchoukh, M., Bouslama, Z., & Mihalca, A. D. (2024). A new canid host for subcutaneous ticks: A report from Algeria in an African golden wolf (*Canis lupaster*). ***Veterinary Parasitology: Regional Studies and Reports***, 55, 101109.

[2024]

Italian peninsula as a hybridization zone of *Ixodes inopinatus* and *I. ricinus* and the prevalence of tick-borne pathogens in *I. inopinatus*, *I. ricinus*, and their hybrids

Daněš, O., Hrbatovský, A., Volf, K., Ševčíková, S., Lesiczka, P., Novák, M., ... & Zurek, L. (2024). Italian peninsula as a hybridization zone of *Ixodes inopinatus* and *I. ricinus* and the prevalence of tick-borne pathogens in *I. inopinatus*, *I. ricinus*, and their hybrids. *Parasites & Vectors*, 17(1), 196.

[2024]

Bat Ectoparasites (Acari, Diptera, Hemiptera, Siphonaptera) in the Grand Maghreb (Algeria, Libya, Mauritania, Morocco and Tunisia): A Literature Review and New Data

Bendjeddou, M. L., Khelfaoui, F., Abiad, A., **Mechouk, N.**, Mihalca, A. D., & Sándor, A. D. (2024). Bat Ectoparasites (Acari, Diptera, Hemiptera, Siphonaptera) in the Grand Maghreb (Algeria, Libya, Mauritania, Morocco and Tunisia): A Literature Review and New Data. *Acta Parasitologica*, 69(1), 106-120.

[2023]

First report of *Crenosoma vulpis* in Africa and *Eucoleus aerophilus* in Algeria

Sidhoum, N. R., Boucheikhchoukh, M., **Mechouk, N.**, & Deak, G. (2023). An overview of fleas (Siphonaptera) in wild and domestic mammals from Algeria with new data from the central north and south of the country. *Acta Tropica*, 107004.

[2023]

An overview of fleas (Siphonaptera) in wild and domestic mammals from Algeria with new data from the central north and south of the country

Sidhoum, N. R., Boucheikhchoukh, M., **Mechouk, N.**, & Deak, G. (2023). An overview of fleas (Siphonaptera) in wild and domestic mammals from Algeria with new data from the central north and south of the country. *Acta Tropica*, 107004.

[2023]

Lice (Phthiraptera) diversity in ruminants and domestic birds in northeastern Algeria

Boucheikhchoukh, M., Leulmi, H., Dib, L., **Mechouk, N.**, Khalfallah, M., & Benakhla, A. (2023). Lice (Phthiraptera) diversity in ruminants and domestic birds in northeastern Algeria. *International Journal of Tropical Insect Science*, 43(6), 2233-2244.

[2023]

Genetic analysis challenges the presence of *Ixodes inopinatus* in Central Europe: development of a multiplex PCR to distinguish *I. inopinatus* from *I. ricinus*

Hrazdilova, K., Danek, O., Hrbatova, A., Cervena, B., Noskova, E., Adamik, P., ... & Zurek, L. (2023). Genetic analysis challenges the presence of *Ixodes inopinatus* in Central Europe: development of a multiplex PCR to distinguish *I. inopinatus* from *I. ricinus*. *Parasites & Vectors*, 16(1), 354.

[2023]

AI-Based Pathogenicity Classification of Flea and Tick-Borne Diseases and Seasonal Distribution of Some Species in Algeria

Sidhoum, N. R., Boucheikhchoukh, M., & Mechouk, N. (2023). *AI-Based Pathogenicity Classification of Flea and Tick-Borne Diseases and Seasonal Distribution of Some Species in Algeria* (No. 11594). EasyChair.

[2022]

Synopsis of the ticks of Algeria with new hosts and localities records

Mechouk, N., Mihalca, A. D., Deak, G., & Bouslama, Z. (2022). Synopsis of the ticks of Algeria with new hosts and localities records. *Parasites & vectors*, 15(1), 302.the description...

[2022]

Fleas (Siphonaptera) of domestic and wild animals in extreme northeastern Algeria: first inventory, hosts, and medical and veterinary importance

Boucheikhchoukh, M., **Mechouk, N.**, Leulmi, H., Aouadi, A., & Benakhla, A. (2022). Fleas (Siphonaptera) of domestic and wild animals in extreme northeastern Algeria: first inventory, hosts, and medical and veterinary importance. *Journal of Vector Ecology*, 47(1), 81-87.

[2020]

Subcutaneous ticks: first report in a golden jackal and further proof for the negativity of non-canid carnivores

Mechouk, N., Deak, G., Ionică, A. M., Ionescu, D. T., Chișamera, G. B., Gherman, C. M., & Mihalca, A. D. (2020). Subcutaneous ticks: first report in a golden jackal and further proof for the negativity of non-canid carnivores. *Parasites & vectors*

[2019]

Molecular evidence of bacteria in Melophagus ovinus sheep keds and Hippobosca equina forest flies collected from sheep and horses in northeastern Algeria

Boucheikhchoukh, M., **Mechouk, N.**, Benakhla, A., Raoult, D., & Parola, P. (2019). Molecular evidence of bacteria in Melophagus ovinus sheep keds and Hippobosca equina forest flies collected from sheep and horses in northeastern Algeria. *Comparative immunology, microbiology and infectious diseases*, 65, 103-109.

[2019]

On Bat Ectoparasites (Nycteribiidae, Streblidae, Siphonaptera, Mesostigmata And Ixodidae) From Chrea National Park (Central Atlas Mountains) Algeria

Bendjoudi, D., Yedou, W., Beneldjouzi, A., **Mechouk, N.**, & Bendjeddou, M. L. (2019). On Bat Ectoparasites (Nycteribiidae, Streblidae, Siphonaptera, Mesostigmata, And Ixodidae) From Chrea National Park (Central Atlas Mountains) Algeria. *Bull Soc Zool Fr*, 144, 67-76.

LANGUAGE SKILLS

Mother tongue(s): arabic

Other language(s):

French

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Romanian

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

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

NETWORKS AND MEMBERSHIPS

[02/2023 – Current] Budapest Hungary

Pragmatic COST action

-Participation in all activities of this COST action funded by the EU

CONFERENCES AND SEMINARS

[09/04/2024 – 10/04/2024] Adana Turkey

The 7rd INTERNATIONAL CUKUROVA AGRICULTURE AND VETERINARY CONGRESS

First record of *Angiostrongylus vasorum* in Algeria

[09/12/2023] Algiers, Algeria

The 15th International days of veterinary Sciences on Climate and Arthropod Risk: Myth or reality?

Risk Associated With Fleas and tick Infestation Among Domestic carnivores in Northern Algeria: Influence of abiotic Factors

[07/12/2023] Tlemcen, Algeria

First National Conference on Artificial Intelligence and its Applications NCAIA'23

AI-based pathogenicity classification of flea and tick-borne diseases and seasonal distribution of some species in Algeria

[24/11/2023 – 25/11/2023] Cluj napoca, Romania

International conference one Health- one Earth

First molecular evidence of *Borrelia lusitaniae* from sympatric Ixodes questing ticks in Algeria

First molecular evidence of *Trichinella britovi* in a domestic dog, *Canis familiaris*, in Algeria

[08/11/2023] Khenchela, Algeria

Le deuxième séminaire National Hybride sur La biodiversité Microbienne

Wolbachia endosymbiont PCR detection in sinophapterans sampled on domestic and wild carnivores from Algeria

[29/08/2022 – 02/09/2022] Murighiol, Romania

The 10th Ticks and tick-born pathogens conference

Synopsis of the ticks of Algeria with new hosts and localities records

[24/05/2024]

The World Association for the Advancement of Veterinary Parasitology (WAAVP) Virtual Parasitology

Research and communication: what is the difference and does it matter?

[10/06/2025 – 13/06/2025] Marseille, France

The 8th International Conference on Phthiraptera

MaxEnt model-based prediction of potential distributions of *Pediculus human capitus* in Algeria

[26/04/2018 – 29/04/2018] Hammamet, Tunisie

1er Colloque International Bio-ressources, Economie Bleue et Verte 26-29 à Hammamet TUNISIE

Summer Abundance of *Ixodes ricinus* infesting lizards in Ain Kerma (El Tarf), Northeast Algeria

PROJECTS

[01/2025 – 01/2027]

Surveillance of phlebotomine sand flies and vector-borne diseases transmitted by insects with an impact on public health

Funder: Romanian state Nr. 37 TE/08.01.2025

HONOURS AND AWARDS

[11/2023] Pragmatick Action Cost

Short term scientific mission grant

[06/2021] Romania Ministry of Foreign Affairs

Romanian MAE scholarship- PhD Program

[02/2018] Algerian Ministry of High Education

National Exceptional program- Scholarship

VOLUNTEERING

[03/2014 – 05/2016] El Tarf

Veterinary assistant in a center for dogs

- Daily Health Checks
- Basic Care and Medical Support
- Assistance in Medical Procedures
- Feeding and Nutrition Monitoring
- Cleaning and Sanitation

[10/06/2024 – 12/06/2024] Cluj Napoca, Romania

Environmental Education

Educated children on tick bite risk prevention and basic environmental health concepts to raise awareness and promote safety (Summer camp)

MOBILITIES

[05/07/2025 – 12/07/2025]

Short Term mobility- Erasmus: KALRO reaserch Institut Nairobi, Kenya

Ticks of Kenya: Host Parasite Interactions and Geographical Distribution Modeling

[01/05/2025 – 01/07/2025]

Long Term mobility: Mediterranean Infection University Hospital Institute (IHU) of Marseille

Morphological, Molecular, and Proteomic Identification of Ticks and Tick-Associated Pathogens in Algeria Using PCR, RT-PCR, and MALDI-TOF

[02/02/2025 – 20/02/2025]

Short Term mobility- Erasmus: KALRO reaserch Institut Nairobi, Kenya

Study the Tick Kenyan tick fauna (Biology, Ecology, Epidemiology, Medical and veterinary importance)

[05/2024 – 06/2024]

Short Term mobility- Erasmus: Department of Veterinary Medecine Bari-Italy

Learn new diagnostic methodology

[02/2024 – 02/2024]

Short Term scientific Mission: Department of wildlife, Veterinary Medecine univeristy, Brno, Czech Republic

Study the phylogeography of *Hyalomma* spp. of Algeria

[10/02/2018 – 05/06/2019]

Long Term mobility: Department of parasitology and parasitic diseases USAMV Cluj Napoca

Study the Ticks and ticks-born associated pathogens in Algeria

EDITORIAL AND PEER REVIEW ACTIVITIES

Peer Review Activities

Reviewer for *Parasites & Vectors* (Springer Nature)

Reviewer for *Scientific Reports* (Nature Portfolio)

Reviewer for *Veterinary Parasitology: Regional Studies and Reports* (Elsevier)

Reviewer for *Acta Parasitologica* (Springer)

Reviewer for *Ticks and Tick-borne Diseases* (Elsevier)

Reviewer for *Parasitologia* (MDPI)

Reviewer for *Journal of Research in Veterinary Sciences*

Cluj-Napoca, 05/08/2025



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