

Detailed curriculum vitae

1: ADMINISTRATIVE INFORMATION:

Noureddine Adjlane

Born on March 30, 1976, in Kouba, Algiers of Algerian nationality.

Married, three children.

Personal address :

Cited University Teachers, Building No. 3, Appart 3, Corso Boumerdes

Tel: 07 94 07 40 21

Email: adjlanenoureddine@hotmail.com

Current function:

Lecturer A at M'hamed Bougara University of Boumerdes, Department of Biology

Professional address: M'hamed Bougara University of Boumerdes, Avenue of Independence, Faculty of Sciences, Department of Biology

2: CURSUS AND UNIVERSITY TITLES

1994: Bachelor's degree in science of life and nature with honors

1999: State Engineer in Agricultural Sciences: awarded by the National Agronomic Institute El Harrach Specialty: Animal Production Rating: very honorable (18/20)

2003: Magister in Agronomic Sciences awarded by the National Agronomic Institute El Harrach Algiers

Specialty: Animal Sciences Mention: Très bien (19/20)

Theme: Contribution to the study of some factors involved in the alternative fight against *Varroa destructor*

2012: PhD in Agricultural Sciences awarded by the National Agronomic Institute El Harrach Algiers

Specialty: Animal Science Mention: Honorable

Theme: Study of the main bacterial and viral diseases of the local bee *Apis mellifera intermissa* in Algeria.

2014: University habilitation defense

Change to the rank of Lecturer A

3: TEACHING ACTIVITIES:

Academic year 2003-2004 and 2004-2005

Assistant Professor-Assistant at the Faculty of Biological Sciences at USTHB Bab Ezzouar

From the year 2006 to 2008:

Temporary teacher-assistant at the Ecole Normale Supérieure (ENS de Kouba)

From September 2004 until today

Permanent teacher at the Department of Biology at the University of Boumerdes

Modules taught:

Cell Biology (L1-SNV and L3-Biology of Organisms)

Animal Biology (L1-SNV)

4- ACTIVITIES OF TUTORING

From 2011 to 2013: Tutor for SNV core students

Mission: to guide and facilitate the task for the students especially the new graduates in their integrations at the university.

5- UNIVERSITY ADMINISTRATIVE RESPONSIBILITIES

From 2009 to 2015: Head of the LMD-SNV first year and the pedagogical committee

2012-2013: Deputy Head of Department of Biology in charge of Pedagogy

2015-2017: Responsible for the SNV structure.

6- OTHER SCIENTIFIC ACTIVITIES:

Member of the global network of bee researchers COLOSS (Prevention of honey bee COLony LOSSes)

Editorial board members (editorial board member) in the following journals:

Global Journal of Agricultural Innovation, Research & Development

Bulletin of Pure and Applied Sciences

Uludag bee journal

Maghreb Scientific Review

Bulletin of Pure and Applied Sciences

Agriculture

Genetics and Biodiversity Journal (Gen. Biodiv J)

7- FRAMEWORK OF RESEARCH

Supervision of dissertation dissertations DEUA Biology (honors university degree) (5 binomes)

Master's degree thesis, biology engineering engineers (2 binomials °)

Supervision of an engineering thesis in zootechnics (University of Tizi Ouzou) (two pairs)

Master's thesis supervision of Master II (specialty Microbial Biotechnology) (8 binomials)

Supervision of a doctoral thesis at the University of Tizi Ouzou

8- PARTICIPATION IN RESEARCH PROJECTS

Research project on the research of antibiotics and acaricides in Algerian and imported honey (CNEPRU project 2009-2012) N °: F04920080001

USAID Grant Research Project No. TA-MOU-11-M32-035, entitled: "Impact of the *Varroa destructor* infestation and its viral load on honeybee colonies in the Middle East and North Africa" (collaboration between 9 Arab countries)

Responsible for a CNEPRU research project (2016-2019): code D01N01UN350120150006
Project title: Influence of livestock practices on the hygienic and nutritional quality of animal products (honey and milk).

9- MEMBERSHIP OF A RECHERCHE LABORATORY

Laboratory of Physiology and Animal Biology at the Higher Normal School of Kouba Algiers. Member of research team 3: Bee, bee products and phytosanitary treatments

10- EDUCATIONAL TRAINING AND WORKSHOPS

Participation in a production workshop in scientific writing organized by the Ecole Normale Supérieure de Kouba (Algiers) on 05 and 06 May 2007

Training course for trainers in information technology (Transfer-Algeria) organized by the University Agency of the Francophonie (from 09 to 13 June 2007) at the Ecole Normale Supérieure de Kouba (Algiers) (Workshop 3.2) Training: Design, Development and Utilization

National and international communications

Adjlane.N., Wafdi.M Dynamique des populations de *Varroa destructor* dans les colonies d'abeilles *Apis mellifera intermissa* dans la région de la Mitidja
Premier séminaire international sur la biodiversité, environnement et santé centre universitaire d'El-Taref : 12 -14 novembre 2007

Adjlane.N. Djalali.F., Abdoulah. M., Essai d'un moyen de lutte naturelle contre l'acraïen parasite de l'abeille mellifère : Le saupoudrage de sucre
Séminaire national sur l'Agriculture, Environnement et santé tenu au centre universitaire de Khemis Miliana le 19-20 avril 2008

Adjlane N. Doumandji. S Situation épidémiologique des colonies d'abeilles dans la région centre d'Algérie en 2009 : cas de la varroase
Ières journées maghrébines d'épidémiologie animale, les 09-10 Mai 2009 organisé par l'université Saad Dahlab de Blida

Adjlane.N., Les modes et les périodes d'application des produits chimiques dans la lutte contre la varroase des abeilles. Une menace sur la qualité des produits de la ruche et sur l'environnement
Colloque International de Biologie Environnementale (IBE 2009), Université de Skikda, 08-10 novembre 2009.

Adjlane. N Association of oxalic and lactic acid for varroa control in Algeria
First Word Conference
5^{ème} séminaire on Organic beekeeping (27-29 Aout 2010) Sunny Beach , Bulgaria

Adjlane. N., Situation épidémiologique des colonies d'abeilles dans la région centre de l'Algérie : cas de la nosemose »
3èmes journées d'Epidémiologie Animale organisé par l'université Saad Dahleb de Blida , les 21 et 22 Novembre 2010 sous le thème

Adjlane, N., Doumandji, S. La varroase des abeilles : Biologie , Diagnostic et traitements actuelle en Algérie
6èmes journées de recherches sur les production animales , Tizi Ouzou, 09-10 Mai 2011

Adjlane, N., Doumandji, S. . La protection de l'abeille locale *Apis mellifera intermissa* : mise au point d'une stratégie de lutte intégrée contre la varroase (pathologie parasitaire des abeilles mellifères ; Colloque national la santé végétal et environnement organisé le 03 et 04 Mai 2011, l'université de Mascara

Adjlane, N., Doumandji, S. Study of the major factors threatening the survival of bee colonies *Apis mellifera intermissa* in Algeria
Proceedings of 7th COLOSS Conference Prevention of Honey Bee Colony LOSSes
26-28 August, 2011 Hotel Palace Belgrade/Serbia

Adjlane. N, Chahbar N., Maida A évaluation des effets secondaires de l'acide oxalique sur l'abeille locale *Apis mellifera intermissa* : Aspect biochimique
XXIèmes journées nationales de Biologie « de la molécule à l'écosystème » de la SSNT 17-20 décembre 2011

Adjlane. N, doumandji.s, haddad. N , hygienic behavior of the local honey bee *apis mellifera intermissa* in Algeria
Apimondia 2011 buenos aires argentina, 42° international apicultural congress

ADJLANE. N, DOUMANDJI.S, HADDAD. N. Efficacy of *Varroa destrctor* treatments in Algeria
APIMONDIA 2011 BUENOS AIRES ARGENTINA, 42° INTERNATIONAL APICULTURAL CONGRESS

Adjlane, N., Kechih, S., Haddad, N., Doumandji, S. Survey of American foulbrood in honey bee colonies *Apis mellifera intermissa* in mid- northern region of Algeria (2010-2011)
8th COLOSS Conference / MC meeting FA0803 Halle-Saale, Germany, 1-3 September 2012

Adjlane N , Doumandji S Occurrence of noseiosis in honeybee colonies *Apis mellifera intermissa* in the Mid-North of Algeria during 2011.
5th EUROPEAN CONFERENCE OF APIDOLOGY, 3-7th September 2012
Halle an der Saale, Germany

Adjlane, Principaux facteurs influençant la santé des abeilles mellifères en Algérie. Séminaire national de protection des cultures et environnement, Université Abdelhamid Ibn Badis, les 10 et 11 Décembre 2012.

N. **Adjlane**, N. Haddad, La sélection des colonies d'abeilles résistantes à varroa ; évaluation du comportement hygiénique chez la race locale *Apis mellifera intermissa*.

11èmes Journées Internationales des Sciences Vétérinaires : ressources génétique Animales en Algérie. 30 novembre – 01 décembre 2013.

N. **Adjlane**, N. Haddad, Detection of *Nosema ceranae* in honey bee *Apis mellifera intermissa* International Conference on Biotechnology, Chemical Engineering and life Science Barcelona, Spain, August 18-19, 2014

Noureddine **Adjlane**, Les facteurs menaçants la survie des colonies d'abeilles en Algérie : résultats 2012-2013. 2^e journées de la recherche Apicole, Institut de l'abeille, 5 – 6 février 2014.

Noureddine **Adjlane**, Nizar Hadda, Effectiveness of formic acid and thymol against the mite *Varroa destructor* Sixth Eurbee Congress, Murcia, Spain, from 9th to 11th September 2014

N. **Adjlane**, Contribution à la mise au point de quelques méthodes de traitement naturel contre l'acarien *Varroa destructor* parasite de l'abeille mellifère dans la zone de la Mitidja” . 7èmes journées de recherche sur les productions animales, Université Mouloud Mammeri, 10 et 12 Novembre 2014.

N. **Adjlane**, M. Wafdi, Caractéristique du développement des colonies d'abeilles locales *Apis mellifera intermissa* dans la région médio septentrionale de l'Algérie. 1^{er} Congrès Maghrébin « Biodiversité, Protection des milieux naturels et écodéveloppement » 16-17 décembre 2014, Université Djilali Liabès de Sidi-Bel-Abbès

N. **Adjlane**, N. Haddad, Detection of virus in Honey bee *Apis mellifera intermissa* in Algeria International Conference on Agricultural, Biotechnology, Biological and Biosystems Engineering, January 14-15, 2014, Zurich, Switzerland

Adjlane N., N. Haddad and N. Chenane. Field experiment to determine the efficacy of some acaricides used to control *Varroa destructor* on *Apis mellifera intermissa* in Algeria Proceedings of The COLOSS Workshop on “Varroa control strategies” Bled, Slovenia, May 22nd - 23rd 2014, Agricultural institute of Slovenia

N **Adjlane**, N Haddad, O Tarek. Effectiveness of oxalic acid against the mite *Varroa destructor* and secondary effects on honey bees *Apis mellifera intermissa* International Conference on Chemical, Food and Environment Engineering (ICCFEE'15), Jan 11-12, 2015, Dubai (UAE).

N. **Adjlane**, O. Tarek. Efficacité des traitements a base de thymol dans le contrôle de *Varroa destructor* parasite de l'abeille mellifère en Algérie. VIIème Séminaire International de Médecine Vétérinaire ‘Santé Animale et Sécurité Alimentaire’, 11-12 Avril 2015, Université Frères Mentouri Constantine.

Noureddine Adjlane, Contraintes de développement de la production apicole en Algérie. Journée d'étude « Miel et huile d'olive d'Algérie-production, qualité et perspective d'exportation » 10 juin 2015, université de Boumerdes.

.Adjlane, N. Haddad. Detection of deformed wing virus in honey bees colonies *Apis mellifera intermissa* in Southern Algeria
International symposium on genomics, metagenomics, plant Biotechnology, environment and health. University of Biskra 22-24 novembre 2015.

N. Adjlane, K. Ameer Laid Some proprieties physicochemical and microbiological of Algerian honey The First international congress of nutrition and Food Science “From Bench to Bedside “ November 20-22 -2015 University of Biskra, Algeria

Noureddine Adjlane , Ounesse Tarek and Nizar Haddad. Effectiveness of treatments with thymol in controlling varroa destructor parasite of the honey bee in Algeria The 7th European Conference of Apidology 7-9 September 2016 Cluj-Napoca, Romania

Noureddine Adjlane, Nizar Haddad; Evaluation of The Resistance of The Mite Varroa destructor to The Amitraz in Colonies of Honey Bees (*Apis mellifera*) in Algeria. 5th International Muğla Beekeeping and Pine Honey Congress 1-5 November, 2016, Fethiye, TURKEY

Noureddine Adjlane , Djamila Benaziza , Nizar Haddad; Sélection génétique des colonies d’abeilles résistante à *Varroa destructor* : Résultats du test du comportement de nettoyage du couvain International Workshop on "Management and genetic improvement of animal resources" socio-participatory approach. May 2015 Abou Bakr Belkaid University of Tlemcen

Noureddine Adjlane, Djamila Benaziza, Nizar Haddad; Prévalence of *Ascospaera apis* on local bee colonies *Apis mellifera intermissa* in Algeria; 44th APIMONDIA international Apicultural Congress, Daejeon

Noureddine Adjlane; dynamics of the parasitic (varroa destructor) in colonies of *apis mellifera intermissa* in the mediterranean climate of algeria
27TH international congress for conservation biology Montpellier, France ; 2-6 AUGUST 2015

Noureddine Adjlane, Djamila Benaziza ; Influence of some honeybee pathogens on the mortality of *Apis mellifera intermissa* colonies in Algeria
13th Asian Apicultural Association Conference April 24(Sun) – 26(Tue), 2016 Jeddah, Kingdom of Saudi Arabia

Noureddine Adjlane, Benaziza Djamila , Haddad Nizar; Distribution of deformed wing virus in colonies of honey bees *Apis mellifera intermissa* in Algeria
Xth International Congress of Veterinary Virology of ESVV, August 31st –September 3rd 2015 . Le Corum, Montpellier, France

Noureddine Adjlane, Nizar Haddad. Evaluation of Oxalic Acid treatments against the Mite Varroa destructor in Algeria
12th COLOSS Conference 10-11th September 2016, Cluj,Napoca-Romania

Noureddine Adjlane, Habbi Assia. Efficacité des produits biologiques dans le traitement intégré de *varroa destructor* parasite de l'abeille mellifère en Algérie
Premier colloque international sur la lutte biologique et intégrée en Algérie : 04 au 6 février 2018. Université de Batna.

Noureddine Adjlane, Ahcen Baz . Prévalence de l'acarien *Acarapis woodi* dans les colonies d'abeilles locales *Apis mellifera intermissa* 4^e journée d'étude sur la zoologie appliquée et l'écophysiologie animale. 23 AU 24 octobre 2018

Noureddine Adjlane, Ahcen Baz ; Prévalence du virus des ailes déformés dans les colonies d'abeilles *Apis mellifera intermissa et sahariensis* dans le sud d'Algérie
4^eme journées des Sciences de la Nature et de la Vie (JSNV-4), Université de Béjaïa, 3 et 4 octobre 2018.

Noureddine Adjlane, Nizar Haddad. Les pertes des colonies d'abeilles mellifères et les virus associés chez *Apis mellifera intermissa* en Algérie
13^emes journées internationales des sciences vétérinaires, le 02 et 03 décembre 2018. Ecole Nationale Supérieure Vétérinaire –Alger

Noureddine Adjlane, O. Tarek, Habbi, A. Mise au point d'une stratégie de lutte naturelle contre l'acarien *Varroa destructor* parasite de l'abeille mellifère : Application de l'acide oxalique et de thymol
1^{er} séminaire national sur l'environnement et le développement durable à l'institut des sciences exactes et des sciences de la nature et de la vie, centre universitaire de Rélizane.

8- National and international publications:

Adjlane N., Kechih., S La loque américaine des abeilles mellifères : symptômes, contrôle et diagnostic *Pratique vétérinaire*, 12 (2011) : 23-27

Adjlane. N, Doumandji S La varroase : Biologie, diagnostic et traitement ; Situation actuelle de la varroase en Algérie
Revue Pratique Vétérinaire 9 (2011) : 8-11

N. Adjlane, et H. Nizar 2012. LA PRÉVALENCE DE LA NOSÉMOSE DANS LES COLONIES D'ABEILLES *APIS MELLIFERA INTERMISSA* DANS LA RÉGION MÉDIOSEPTENTRIONALE DE L'ALGÉRIE. *Lebanese Science Journal*, 13 (1) : 65-73

Adjlane N, Doumandji SE, Haddad N, 2012. Situation de l'apiculture en Algérie : facteurs menaçant la survie des colonies d'abeilles locales *Apis mellifera intermissa*. *Cah Agric* 21 : 235-41. doi : 10.1684/agr.2012.0566

Noureddine ADJLANE , Saliha KECHIH , Salah-eddine DOUMANDJI , Nizar HADDAD
SURVEY OF AMERICAN FOULBROOD IN *APIS MELLIFERA INTERMISSA* COLONIES IN MID-NORTHERN REGION OF ALGERIA *Uludag Bee Journal* August 2012, 12(3): 98-105 98

Adjlane, N., Chahbar, N., Maldi, A., Doumandji, S., & Haddad, N. Note scientifique sur les effets secondaires de l'acide oxalique sur l'abeille ouvrière (*Apis mellifera*): aspect biochimique (Scientific note on side effects of oxalic acid on the worker bee (*Apis mellifera*): biochemical aspect). *J. Mater. Environ. Sci.* 4 (4) (2013) 420-423

Adjlane, N., Haddad, N., Tarek, O., Evaluation of the efficacy of different acaricides against *Varroa destructor* on *Apis mellifera intermissa* in Algeria
Acarina 21 (2): 141–146

Adjlane, N., Haddad, N., The first data on hygienic behavior of *Apis mellifera intermissa* in Algeria. *Journal of Biology and Earth Sciences* 2014 4(1): B1 -B5

Van Der Zee, R; Gray, A; Holzmann, C; Pisa, L; Brodschneider, R; Chlebo, R; Coffey, M F; Kence, A; Kristiansen, P; Mutinelli, F; Nguyen, B K; **Adjlane**, N; Peterson, M; Soroker, V; Topolska, G; Vejsnæs, F; Wilkins, S (2012) Standard survey methods for estimating colony losses and explanatory risk factors in *Apis mellifera*. In V Dietemann; J D Ellis; P Neumann (Eds) *THE COLOSS BEEBOOK, Volume I: Standard methods for Apis mellifera research.* *Journal of Apicultural Research* 52(4): <http://dx.doi.org/10.3896/IBRA.1.52.4.18>

Adjlane, N., Ameer lain, K., Lecksir, N., Gharabi, N., Haddad, N., detection of *paenibacillus larvae* spores in honey samples from beekeepers of the central region of Algeria
Journal of Microbiology, Biotechnology and Food Sciences 3 (1) 81-83

Adjlane, N., Doumandji, S.E., Haddad, N., 2013 *Varroa destructor* resistance to fluvalinate in Algeria. *Trends in Entomology*, 9 : 35-38

Adjlane, N, Nizar HADDAD, Karima LAID AMEUR, Saida KESRAOUI, Djamila MOUSSAOUI (2014) Physicochemical and Microbiological Characteristics of some Samples of Honey Produced by Beekeepers in Algeria
Acta Technologica Agriculturae 1 : 1-5

N. **ADJLANE** , S. KECHIH, N. HADDAD (2014) Recherche de *paenibacillus larvae* dans differents composants de la ruche. *Rev. Microbiol. Ind. San et Environn.* Vol 8, N°1, p : 89-98

Noureddine Adjlane, Nizar Haddad and Saliha Kechih, 2014. Comparative Study Between Techniques for the Diagnosis of American Foulbrood (*Paenibacillus larvae*) in Honeybee Colony. *Journal of Animal and Veterinary Advances*, 13: 970-973.

Adjlane, N. and N. Haddad, 2014. Detection of deformed wing virus in the local bee colonies *apis mellifera intermissa* in Algeria and its relationship with *varroa destructor*. *Mellifera*, 28: 3-10.

Haddad, N.J., W. Loucif-Ayad, **Adjlane**. N, D. Saini and R. Manchiganti *et al.*, 2015. Draft genome sequence of the Algerian bee *Apis mellifera intermissa*. *Genomics Data*, 4: 24-25.

Nizar Jamal Haddad, **Adjlane Noureddine**, Banan Al-Shagour, Wahida Loucif-Ayad, Mogbel A. A. El-Niweiri, Eman Anaswah, Wafaa Abu Hammour, Dany El-Obeid, Albaba Imad, Mohamed A. Shebl, Abdulhusien Sehen Almaleky, Abdalah Nasher, Nagara Walid, Mohamed Fouad Bergigui, Orlando Yañez and Joachim R. de Miranda (2015) Distribution and variability of deformed wing virus of honeybees (*Apis mellifera*) in the Middle East and North Africa. *Insect Science* DOI: 10.1111/1744-7917.12277.

Haddad Nizar, Al-tellawi Alaa, **Adjlane Noureddine**, Khoury Fares and Samar Quddoumi
Diagnosis of *Paenibacillus larvae* from Honeybees in Jordan According to Microbiological
and Chemicals Techniques. *Asian J. Anim. Sci.*, 2015. DOI: 10.3923/ajas.2015

N. Adjlane, N. Haddad, S. Doumandji (2015) Détection du virus des ailes déformées dans les
colonies d'abeilles locales *Apis mellifera intermissa* en Algérie. *Lebanese science journal*, vol.
16, no. 1, 2015

Noureddine Adjlane, El-Ounass Tarek, Nizar Haddad. Evaluation of Oxalic Acid treatments
against the Mite *Varroa destructor* and Secondary Effects on Honey Bees *Apis mellifera*. **J J**
Arthropod-Borne Dis, December 2016, 10(4): 501–509

Noureddine Adjlane, , Djamilia Benaziza, Nizar Haddad. Population dynamic of *varroa*
destructor in the local honey bee *apis mellifera intermissa* in Algeria.
Bulletin of Pure and Applied Sciences. Vol.34 A (Zoology), Issue (1-2) 2015:P.25-37

Nizar Haddad, **Noureddine Adjlane**, Wahida Loucif-Ayad, Mohamed A. Shebl, Muna Saba,
Imad Albaba, Dany El-Obeid, Montasir Sabah, Matteo Giusti and Antonio Felicioli; Presence
and infestation rate of *Senotainia tricuspidis* (Meigen) (Diptera, Sarcophagidae) on honey bees
in the Mediterranean Region; *Journal of Apicultural Research*, 2015;
<http://dx.doi.org/10.1080/00218839.2015.1099988>

Nizar Haddad, Fares Khoury , Alaa Tellawi, **Noureddine Adjlane** ; Screening the Efficacy of
Different Anti-biotic Against American Foulbrood in Jordan
An - Najah Univ. J. Res. (N. Sc.) Vol. 30(2), 2016

Adjlane Noureddine, Haddad Nizar. Les virus infectants l'abeille mellifère; pathogénies,
symptômes et impacts sur la colonie d'abeille
Revue Agriculture. 10 (2015) 4 – 10

Noureddine ADJLANE, Benjamin DAINAT, , Laurent GAUTHIER, , Vincent
DIETEMANN. (2015) Atypical viral and parasitic pattern in Algerian honey bee
subspecies *Apis mellifera intermissa* and *A. m. sahariensis*. *Apidologie* . DOI:
10.1007/s13592-015-0410-x

Noureddine Adjlane, and Nizar Haddad; Biochemical Changes in the Bee Hemolymph
Following Treatment with Amitraz and Tau-Fluvalinate
International Journal of Chemical, Environmental and Biological Sciences (IJCEBS) Volume
4 Issue 1 (2016)

Noureddine ADJLANE , Nizar Haaddad La nosérose des abeilles : épidémiologie,
diagnostic et traitements ADJLANE
ElWahat pour les Recherches et les Etudes Vol.9 n°1 (2016) :79-88

N. Haddad, A. Al-Tellawi , **N. Adjlane**, F. Khoury; Diagnosis of *Paenibacillus larvae*
Honeybees Disease in Jordan Using PCR Techniques
J. Mater. Environ. Sci. 7 (12) (2016) 4534-4539

Noureddine Adjlane, Nizar Haddad. Effect of Some Honeybee Diseases on Seasonal Mortality of *Apis mellifera intermissa* in Algeria Apiaries
Proc Zool Soc; DOI 10.1007/s12595-016-0188-5

N. ADJLANE L.M. HADJ ALI , M. BENAMARA, O. BOUNADI , N. Haddad;
Qualité microbiologique du pollen produit par les apiculteurs et commercialisé en algérie
Rev. Microbiol. Ind. San et Environn. Vol 11, N°1, p :31-39

Noureddine Adjlane, Karima Belkadi, Naima Mecheri, Hanane Ridane & Nizar Haddad.
Study of the susceptibility of bacteria *Paenibacillus larvae*. causative agent of American
foulbrood at oxytetracycline antibiotic. *Rev. Sci. Technol., Synthèse 33: 48 - 55 (2016)*

Noureddine ADJLANE. , Nizar Haddad ,and Ounesse TAREK. EFFECTIVENESS OF
TREATMENTS WITH THYMOL IN CONTROLLING VARROA DESTRUCTOR
PARASITE OF THE HONEY BEE IN ALGERIA
Bulletin of Pure and Applied Sciences. Vol.35 A (Zoology), Issue (No.1) 2016:P.1-7

Robert Brodschneider, Alison Gray, Romée van der Zee, **Noureddine Adjlane**, and al .
(2016) Preliminary analysis of loss rates of honey bee colonies during winter 2015/16 from
the COLOSS survey, *Journal of Apicultural Research*, 55:5, 375-378, DOI:
10.1080/00218839.2016.1260240

Noureddine ADJLANE. , Nizar Haddad ,and Ounesse TAREK. Effectiveness of treatments
with thymol in controlling varroa destructor in Algeria. *Bulletin of Pure and Applied
Sciences. Vol.35 A (Zoology), Issue (No.1) 2016:P.1-7*

Nizar Jamal Haddad, **Adjlane Noureddine**, Banan Al-Shagour, Wahida Loucif-Ayad,
Mogbel A. A. El-Niweiri, Eman Anaswah, Wafaa Abu Hammour1, Dany El-Obeid, Albaba
Imad6, Mohamed A. Shebl, Abdulhusien Sehen Almaleky, Abdullah Nasher, Nagara
Walid10, Mohamed Fouad Bergigui, Orlando Yañez and Joachim R. de Miranda Distribution
and variability of deformed wing virus of honeybees (*Apis mellifera*) in the Middle East and
North Africa. *Insect Science* (2017) 24, 103–113, DOI 10.1111/1744-7917.12277

Noureddine Adjlane, Nizar Haddad. Effect of Some Honeybee Diseases on Seasonal
Mortality of *Apis mellifera intermissa* in Algeria Apiaries; Proc Zool Soc; DOI
10.1007/s12595-016-0188-5

Nizar Haddad , **Noureddine Adjlane**, Wahida Loucif-Ayad, Abhinandita Dash,
Naganeeswaran S., Balaji Rajashekar, Kosai Al-Nakeeb & Thomas Sicheritz- Ponten (2017)
Mitochondrial genome of the North African Sahara Honeybee, *Apis mellifera sahariensis*
(Hymenoptera: Apidae), *Mitochondrial DNA Part B*, 2:2, 548-549, DOI:
10.1080/23802359.2017.1365647

Noureddine Adjlane, Karima Belkadi, Naima Mecheri, Hanane Ridane & Nizar Haddad.
Study of the susceptibility of bacteria *Paenibacillus larvae*. causative agent of American
foulbrood at oxytetracycline antibiotic. *Rev. Sci. Technol., Synthèse 33: 48 - 55 (2016)*

Noureddine Adjlane, Nizar Haddad (2017) bibliographic review on the most dangerous
diseases of the honey bee. *Bio-Science Research Bulletin*
Vol. 33 No.2, July-December 2017: P.85-99. DOI 10.5958/2320-3161.2017.00011.6

Noureddine ADJLANE, Nizar HADDAD (2017) Evaluation of the resistance of the mite *varroa destructor* to the amitraz in colonies of honey bees (*Apis Mellifera*) In Algeria. *Uludag Bee Journal* May 2017, 17 (1): 1-6

HADDAD, Nizar Jamal, **NOUREDDINE, Adjlane**, AL-SHAGOUR, Banan, *et al.* Distribution and variability of deformed wing virus of honeybees (*Apis mellifera*) in the Middle East and North Africa. *Insect science*, 2017, vol. 24, no 1, p. 103-113.

HADDAD, Nizar, **ADJLANE, Noureddine**, LOUCIF-AYAD, Wahida, *et al.* Mitochondrial genome of the North African Sahara Honeybee, *Apis mellifera sahariensis* (Hymenoptera: Apidae). *Mitochondrial Dna Part B*, 2017, vol. 2, no 2, p. 548-549.

Haddad, N., Horth, L., Al-Shagour, B., **Adjlane, N.**, & Loucif-Ayad, W. (2018). Next-generation sequence data demonstrate several pathogenic bee viruses in Middle East and African honey bee subspecies (*Apis mellifera syriaca*, *Apis mellifera intermissa*) as well as their cohabiting pathogenic mites (*Varroa destructor*). *Virus genes*, 1-12.

HADDAD, Nizar Jamal, **ADJLANE, Noureddine**, SAINI, Deepti, *et al.* Whole-genome sequencing of north African honey bee *Apis mellifera intermissa* to assess its beneficial traits. *Entomological Research*, 2018, vol. 48, no 3, p. 174-186.

ADJLANE, N. (2017). EVALUATION OF THE RESISTANCE OF THE MITE *Varroa destructor* TO THE AMITRAZ IN COLONIES OF HONEY BEES (*Apis mellifera*) IN ALGERIA. *Uludağ Arıcılık Dergisi*, 17(1), 1-6.

ADJLANE, Noureddine et HADDAD, Nizar. Effect of Some Honeybee Diseases on Seasonal Mortality of *Apis mellifera intermissa* in Algeria Apiaries. In : *Proceedings of the Zoological Society*. Springer India, 2018. p. 83-87.

ADJLANE, Noureddine et HADDAD, Nizar. A BIBLIOGRAPHIC REVIEW ON THE MOST DANGEROUS DISEASES OF THE HONEY BEE. *Bio Science Research Bulletin-Biological Sciences*, 2017, vol. 33, no 2.

BRODSCHNEIDER, Robert, GRAY, Alison, **ADJLANE, Noureddine**, *et al.* Multi-country loss rates of honey bee colonies during winter 2016/2017 from the COLOSS survey. *Journal of Apicultural Research*, 2018, vol. 57, no 3, p. 452-457.

HADDAD, Nizar Jamal, **ADJLANE, Noureddine**, SAINI, Deepti, *et al.* Whole-genome sequencing of north African honey bee *Apis mellifera intermissa* to assess its beneficial traits. *Entomological Research*, 2018, vol. 48, no 3, p. 174-186.

Habbi-Cherifi, A., **Adjlane, N.**, Medjdoub-Bensaad, F., & Haddad, N. (2018). Efficacies of Chemical and Biological Products Employed in the Integrated Treatment of *Varroa destructor* in Algeria. *Bulletin of Pure & Applied Sciences-Zoology*, 37(2), 85-91.

Adjlane, N., Habi, A., Haddad, N., & Ahcen, B. (2018). Prevalence of acariosis in honeybee colonies of *Apis mellifera intermissa* in Algeria. *Journal of Entomological Research*, 42(4), 451-454.

Alison Gray, Robert Brodschneider, **Noureddine Adjlane**, Alexis Ballis, Valters Brusbardis, Jean-Daniel Charrière, Robert Chlebo, Mary F. Coffey, Bram Cornelissen, Cristina Amaro da Costa, Tamás Csáki, Bjørn Dahle, Jiří Danihlák, Marica Maja Dražić, Garth Evans, Mariia Fedoriak, Ivan Forsythe, Dirk de Graaf, Aleš Gregorc, Jes Johannesen, Lassi Kauko, Preben Kristiansen, Maritta Martikkala, Raquel Martín-Hernández, Carlos Aurelio Medina-Flores, Franco Mutinelli, Solenn Patalano, Plamen Petrov, Aivar Raudmets, Vladimir A. Ryzhikov, Noa Simon-Delso, Jevrosima Stevanovic, Grazyna Topolska, Aleksandar Uzunov, Flemming Vejsnaes, Anthony Williams, Marion Zammit-Mangion & Victoria Soroker (2019) Loss rates of honey bee colonies during winter 2017/18 in 36 countries participating in the COLOSS survey, including effects of forage sources, Journal of Apicultural Research, DOI: [10.1080/00218839.2019.1615661](https://doi.org/10.1080/00218839.2019.1615661)