



I- Identify

First name: Mohieddine

Last name: MOUMNI

Date of Birth: 1st of September 1960, in Fez, Morocco

Married, 4 children

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II- Diplomas

- Habilitation to Direct Research (HDR), obtained at Paris-Sud University, Scientific Center of Orsay, France, 1994.
- PhD obtained at Paris-Sud University, Scientific Center of Orsay. Research conducted at the CNRS Gif-sur-Yvette, France, 1990.
- Postgraduate Diploma, DEA, obtained at Paris-Sud University; France. Training conducted at Pasteur Institute; Paris, 1985.
- Post graduate License (Bachelor's degree (*Maîtrise*)), obtained at Paris-Sud University, France, 1984.
- Graduation License (Bachelor, (*Licence*)), obtained at Paris-Sud University, Scientific Center of Orsay, France, 1993.

III- Current position and responsibilities

1- Current scientific and educational responsibilities within the university

- Higher Education Professor (PES, rank D, in accordance with the new status of Professors-researchers), at Moulay Ismaïl University, Faculty of Sciences, Department of Biology. BP 11201 Zitoune, 50 000 Meknes Morocco.
- Laboratory's Director of Biotechnologies and Bioresources's Valorization (Bio-Var).
- Doctoral training's coordinator of the Department of Biology (2010-2023).
- Administration board's member of the Doctoral study Center of the institution (CEDoc).
- Member of the theses committee within the CEDoc.
- Member of the ethics commission within the CEDoc.
- Coordinator of the Master entitled "Bioinformatics".
- PhD theses direction.
- Responsible for teaching modules.

IV- Accomplishments related to teaching and research activities

1- Teaching activities carried out abroad as part of Erasmus programs

- A course given at Lublin Technological University, Poland (2017). Title: Role of DNA-based molecular markers in biotechnologies.
- A course given at Faculty of Pharmacy, FFUP, University of Porto, Portugal (2019). Title: Role of DNA-based molecular markers in biotechnologies.

2- Completed university activities related to: Masters, research training and doctoral students

- Supervision of 15 PhD obtained under personal direction between 1997 and 2021.
- Supervision of 54 Masters Diplomas obtained under personal direction between 1995 and 2023.
- 49 training abroad for students, carried out under personal supervision, between 1998 and 2023.
- 36 scholarships obtained by the students (outside projects), carried out under personal supervision, between 2007 and 2023.
- Foreign students welcomed in my laboratory:
 - An Ethiopian student from Jimma University was received (under personal supervision) for a year as part of his doctoral thesis, 2019.
 - 10 American students (accompanied with their professor) from the City University of New York, College of Staten Island have been welcomed into our team (under personal supervision) for a 6-week internship to prepare their diplomas; 2016.
 - An Algerian student from the ENSA of Algiers was received (under personal supervision) for 6 months as part of her Magister, 2012.
 - 4 French students were been welcomed into our laboratory (under personal supervision) for training periods of 3 months to prepare their diplomas, between 2003 and 2008.
- 23 personal supervision of 2nd cycle university projects, 2008-2023.
- Coordinator of the Professional License (Bachelor): Environmental Sciences, 2006-2010.
- Coordinator of the Master's degree: Biotechnology and engineering of microorganisms, 2007-2011.
- Coordinator of the master's degree: Bioinformatics, 2016-2022.

3- Achieved activities related to research

- Laboratory's Director of Biotechnologies and Bioresources's Valorization (Bio-Var) from 2020.
- Director of the research team entitled: Cell Genomics and Molecular Investigation Techniques, 2005-2019.
- A published book in 2000 (192 pages). Edition "Afrique Orient", Casablanca, Morocco. ISBN/ISSN/: 9981-25-173-9. Legal deposit: 1445/1999.
- 23 national and international research grants, 1995-2021, obtained within the framework of my team/laboratory responsibilities.
- 13 personal training projects and post-doctoral internship abroad, in the international public and private sectors, 1989-2019.
- 206 published sequences in NCBI/EMBL/Gene bank.
- 40 strains of *Erwinia amylovora* isolated in Morocco are registered in the French Catalogue of Plant Pathogenic Bacteria.
- 115 communications in national and international congress (oral/poster or plenary lectures).
- Collaboration with more than a hundred institutions, national and international, public and private sectors.
- Ranked in the top three in applications for President of two national universities: Sidi Mohammed Ben Abdellah University at 2017 and Moulay Ismail University at 2018.

V- Expertise and evaluations activities at the academic level (public sector)

- Appointed by The Minister of Agriculture, as member of the jury of the “Grand Prix Hassan II” for invention and Research in the Agricultural Field, in its 2021 and 2023 editions.
- Expert scientific evaluator with the National Centre for Scientific and Technical Research (CNRST), Morocco, 2015-2022, i.e., 109 evaluation reports were edited on behalf of the CNRST.
- Expert scientific nearby the Moroccan Accreditation Service (SEMAC), which is under the supervision of the Ministry of Industry and Trade. Objective:
 - Carry out technical and quality management assessments within the framework of the 17025 standards, within biomedical laboratories, in particular for molecular biology analyzes by PCR of Covid-19.
 - Carry out technical and quality management assessments within the framework of the 17025 standards within agri-food laboratories.
 - Perform evaluations of accreditation reports for public and private laboratories.
- Expert scientific evaluator nearby the International Office of the German Federal Ministry for Scientific Research for the examination of the proposals of the third call of the "Moroccan-German Program for Scientific Research" (PMARS III), 2015.
- Scientific evaluator nearby the Center for Doctoral Studies of Moulay Ismaïl University, about:
 - Evaluation of application for University Habilitation,
 - Evaluation of doctoral applications and registrations,
 - Evaluation of doctoral scholarship applications,
 - Evaluation of the equivalence files of foreign students applying for enrollment at the institution.
- Expert scientific evaluator nearby Soultane Moulay Slimane University, 2016.
- Member of committees of experts in charge of recruitment of Assistant Professors.
- Reviewer for: Journal of Assisted Reproduction and Genetics (Springer).
- Member of the editorial board of the Journal "Emergent Life Sciences Research".
- Member of the editorial board of the Journal " Plant Chemistry and Ecophysiology"
- About 150 participations in the juries of theses at the levels: local, national and international.
- 46 international personal missions of coordination's were carried out within the official framework of scientific projects, 1993-2023.

VI-Private Sector (national and international)-related activities

1- Expertise and evaluation, activities at the private sector (national and international)

- Expert scientific evaluator nearby Mohamed VI Polytechnic Private University (UM6P). Since 2021, 6 projects were evaluated and the reports edited.
- Scientific advisor and expert at the Laboratory of Biotechnology and Services (LBPS): an agricultural and agri-foods analysis company, located in Meknes, Morocco. Objective:
 - Specific technical and scientific advice.
 - Establishment of molecular biology platform.
 - Implementation of specific techniques.
 - Development of experimental protocols.
 - Staff training.
 - Qualification of staff for recognition by ONSSA or accreditation by SEMAC.
 - Self-assessment as part of quality management.
 - Internal evaluation for the analysis of the company's efficiency according to the 5M method (machines, labor, methods, materials, environment).
- Internal audit for molecular biology techniques, in favor of the Laboratory of Biotechnology and Services: an agricultural and agri-foods analysis company, located in Meknes, Morocco.
- Consulting activity within the Office for Vocational Training and Work Promotion (OFPPT): monitoring and support for private laboratories (Aïcha canning factory of Meknes).
- Management of the biotechnology work-shop on the diagnosis of cystic fibrosis and papilloma virus within the company Bioprob System, located at 26 bis rue Kléber, 94 000 Montreuil-sous-Bois, France.

2- Private international companies, frequented for different purposes: training; work-shop; orders for materials, chemicals and reagents; visits to industrial sites; consulting mission, etc.

- The company “Bioprob System, Montreuil-sous-Bois, France.
- The “Equilabo” Company, Murcia, Spain.
- The “Inbautek” Company, Murcia, Spain.
- The “Fitosoil” Company, Murcia, Spain.

VII- Some edited documents: scientific, educational documents and expert reports

- Author of the educational streams of Masters and bachelor's degree courses, as well as mid-term reports and final reports.
- Author of the canvas of the doctoral training of the Department of Biology of the Faculty of Sciences of Meknes.
- Author of scientific projects for funding requests, as well as final reports.
- Author of scientific publications, published mainly under scientific supervision.
- Co-author of scientific publications, published in collaborations.
- Author of the document which serves as a standard agreement between Moulay Ismaïl University and its international partners.
- Authors of activity and evaluation reports for the team and the laboratory.
- Author of evaluation reports for doctoral theses, university habilitation's degrees and equivalences.

- Author of the reports of the merit order for the Doctoral Fellowships candidates of the Department of Biology of the establishment.
- Author of national and international expert reports.

VIII- International public institutions frequented for different purposes: study, doctoral or post-doctoral training, coordination mission, scientific collaboration, etc.

University of Paris Saclay ; University of Paris 6 ; Sorbonne University ; Pasteur Institute, Paris ; CNRS, Gif sur Yvette ; Research for Agriculture, Food and Environment (INRAE), Paris, Angers (France) ; AgroParisTech, Paris ; University of Nancy, France ; University Agency of La Francophonie (AUF), France ; Institute of Psychiatry, department of Neuropathology, London ; University of Valencia (Faculty of Pharmacy), Spain ; Autonomous University of Madrid, Spain ; Valencian Institute of Agricultural Research (IVIA), Valencia, Spain ; National Higher School of Algiers, Algeria ; University of Lubeck (Faculty of Medicine and Pharmacy), Germany ; International Center for Genetics Engineering and Biotechnology (ICGB), Italy ; Technological University of Lublin, Poland ; University of Porto (Faculty of Pharmacy), Portugal.

IX- Distinction

Premium Research (PDR), granted by the “*Agence Universitaire de la Francophonie*” (University Agency of La Francophonie) (AUF) for a period of 4 years (1999-2002). This PDR consists of a monthly personal salary paid for 4 years, following an international call for tenders. Theme: Process engineering applied to food.

X- Links

- ORCID ID: orcid.org/0000-0003-2140-2749
- Web of Science (Clarivate): <http://www.researcherid.com/rid/H-6143-2018>
- SCOPUS ID = Author ID: 6603456260
Link: <https://www.scopus.com/authid/detail.uri?authorId=6603456260>
- ResearchGate
Mohieddine Moumni | PhD and Habilitation to Direct Research (HDR), Paris-Sud University, France | Biology | ResearchGate
- GoogleScholar :
https://scholar.google.com/citations?view_op=new_articles&hl=en&imq=Mohieddine+Moumni#
- LinkedIn:<https://www.linkedin.com/in/moumni-mohieddine-170a4726/?originalSubdomain=ma>
- Academia.edu: <https://independent.academia.edu/MohieddineMoumni>

Impact of scientific work			
Database	Number of documents referenced in the database	Citations	h-index
Scopus	44	803	15
Web of Science (Clarivate)	42	742	15
ResearchGate		1097	18
Academia.edu		1804	-

XI- List of publications

- Adil Essahale, Fouad Nia, Anis Sfindla, **Mohieddine Moumni**. Finger printing-RFLP analysis of chromosomal IS6110 insertion sequence and PCR diagnosis of pulmonary tuberculosis, isolated from patients in El Hajeb region of Morocco. (2023). *Indian Journal of Tuberculosis*, <https://doi.org/10.1016/j.ijtb.2023.03.020>.
- Hassan El-Abid, Cristina Amaral, Sara C. Cunha, Georgina Correia-da-Silva, Jos e O. Fernandes, **Mohieddine Moumni**, Nat ercia Teixeira. Anti-cancer properties of hydroethanolic extracts of *Juniperus oxycedrus* L. in breast cancer cells. *Journal of Herbal Medicine*. November 2022. 37(2017):100614. <https://doi.org/10.1016/j.hermed.2022.100614>.
- Hafida Ayada, Boutayna Dhioui, Hamid Mazouz, Abdelhay El harrak, Fatima Jaiti, Bouchra Ouhmidou, Mohammed Diouri & **Mohieddine Moumni**. In silico comparative genomic analysis unravels a new candidate protein arsenal specifically associated with *Fusarium oxysporum* f. sp. *albedinis* pathogenesis. *Sci Rep* 12, 19098 (2022). <https://doi.org/10.1038/s41598-022-21858-1>.
- Aziz Bouymajane, Fouzia Rhazi Filali, Said Oulghazi, Nada Lafkih, Abdelaziz Ed-Dra, Aboulkacem Amal, Abdallah ElAllaoui, Bouchra Ouhmidou, **Mohieddine Moumni**. Occurrence, antimicrobial resistance, serotyping and virulence genes of *Listeria monocytogenes* isolated from foods. *Heliyon*. (2021) Feb; 7(2): e06169. doi: 10.1016/j.heliyon.2021.e06169.
- Sa id Oulghazi, **Mohieddine Moumni**, Slimane Khayi, K evin Robic, Sohaib Sarfraz, C eline Lopez-Roques, C eline Vandecasteele and Denis Faure. Diversity of Pectobacteriaceae Species in Potato Growing Regions in Northern Morocco. *Microorganisms*. (2020) 8,895; doi:10.3390/microorganisms8060895.
- Meryem Boukili, FouziaRhaziFilali, Nada Lafkih, Aziz Bouymajane, Majida Sefiani, **Mohieddine Moumni**. Prevalence, characterization and antimicrobial resistance of *Listeria monocytogenes* isolated from beef meat in Meknes city, Morocco. *GERMS* 2020;10(2):74-80. doi: 10.18683/germs.2020.1180.

- Abdulahakim Abamecha, Daniel Yilma, Wondimagegn Addisu, Hassan El Abid, Achim Ibenthal, Harald Noedl, Delenasaw Yewhalaw, **Mohieddine Mourni** and Alemseged Abdissa. Therapeutic efficacy of artemether lumefantrine in the treatment of uncomplicated *Plasmodium falciparum* malaria in Chewaka District, Ethiopia. *Malaria Journal*. (2020) 19:240 <https://doi.org/10.1186/s12936-020-03307-4>.
- Abdulahakim Abamecha; Hassan El-Abid; Daniel Yilma; Wondimagegn Addisu; Achim Ibenthal; Abebe Genetu Bayih; Harald Noedl; Delenasaw Yewahlaw; **Mohieddine Mourni**; Alemseged Abdissa. Genetic diversity and genotype multiplicity of *Plasmodium falciparum* infection in patients with uncomplicated malaria in Chewaka district, Ethiopia. *Malaria Journal*. (2020) 19:203 <https://doi.org/10.1186/s12936-020-03278-6>.
- Perrine Portier, Jacques Pédrón, Géraldine Taghouti, Marion Fischer-Le Saux, Emma Caullireau, Claire Bertrand, Angélique Laurent, Khaoula Chawki, Saïd Oulgazi, **Mohedine Mourni**, Didier Andrivon, Cécile Dutrieux, Denis Faure, Valérie Hélias, Marie-Anne Barny. Elevation of *Pectobacterium carotovorum* subsp. *odoriferum* to species level as *Pectobacterium odoriferum* sp. nov., proposal of *Pectobacterium brasiliense* sp. nov. and *Pectobacterium actinidiae* sp. nov., emended description of *Pectobacterium carotovorum* and description of *Pectobacterium versatile* sp. nov., isolated from streams and symptoms on diverse plants. *Int J Syst Evol Microbiol*. 2019 Oct; 69(10):3207-3216. doi: 10.1099/ijsem.0.003611.
- Said Oulghazi, Jacques Pédrón, Jérémy Cigna, Yin Yin Lau, **Mohieddine Mourni**, Frédérique Van Gijsegem, Kok Gan Chan, Denis Faure. (2019). *Dickeya undicola* sp. nov., a novel species for pectinolytic isolates from surface waters in Europe and Asia. *International Journal of Systematic and Evolutionary Microbiology (IJSEM)*. DOI: 10.1099/ijsem.0.003497.
- Hassan El-Abid; Cristina Amaral; Sara C Cunha; Tiago Augusto; José O Fernandes; Georgina Correia-da-Silva; Natercia Teixeira **and Mohieddine Mourni**. (2019). Chemical composition and anti-cancer properties of *Juniperus oxycedrus* L. essential oils on estrogen receptor-positive breast cancer cells. *Journal of Functional Foods* 59, 261-271.
- Said Oulghazi, Jérémy Cigna, Yin Yin Lau, **Mohieddine Mourni**, Kok Gan Chan, Denis Faure. (2019). Transfer of the waterfall source isolate *Pectobacterium carotovorum* 2 M022 to *Pectobacterium fontis* sp. nov., a deep-branching species 3 within *Pectobacterium* genus. *International Journal of Systematic and Evolutionary Microbiology* 69(2). DOI: 10.1099/ijsem.0.003180.
- Abdelaziz Ed-dra, Fouzia Rhazi Filali, Slimane Khayi, Brahim Bouchrif, Abdellah El Allaoui, Said Oulghazi, Bouchra Ouhmidou **and Mohieddine Mourni**. (2019): Antimicrobial resistance, virulence genes and genetic diversity of *Salmonella enterica* isolated from sausages. *European Journal of Microbiology and Immunology*. 2019 Apr 9;9(2):56-61. doi: 10.1556/1886.2018.00035.
- Aziz Bouymajane, Fouzia Rhazi Filali, Said Oulghazi, Abdelaziz Ed-dra, Faouzia Benhallam, Abdallah El Allaoui, Jawad Anissi, Khalid Sendide, Bouchra Ouhmidou, **and Mohieddine Mourni**. (2018). Occurrence, molecular and antimicrobial resistance of *Enterococcus* spp. isolated from raw cow's milk trade by street trading in Meknes city, Morocco. *Germs*. 8(2): 77-84. doi: 10.18683/germs.2018.1134.
- Said Oulghazi, Slimane Khayi, Nada Lefkih, Yousra Massaoudi, Abdenbi El Karkouri, Mohammed El Hassouni, Denis Faure **and Mohieddine Mourni**. (2017). First report of *Dickeya dianthicola* causing blackleg and soft rot on potato in Morocco. *Plant disease journal of American phytopathological society*. September 2017, volume 101, number 9, page 1671 <https://doi.org/10.1094/PDIS-04-17-0548-PDN>.

- Keltoum Oubella, Bouchra Ouhmidou, Mustapha Ait Chitt **and Mohieddine Moumni**. (2017). Isolation and morphological identification of desert arbuscular mycorrhizal fungi from Errachidia region in Morocco. July 2017. International Journal of Pharma and Bio Sciences 8(3: (B)):105-113. DOI: 10.22376/ijpbs.2017.8.3.b105-113.
- Lalla Fatima Douiri, Hayat Bouhareb, Nada lafkih, Yasmine Ghouati, Chakir **Meryem and Mohieddine Moumni**. (2017). Efficacy of Essential Oils of Origanum Compactum to Control Callosobruchus Maculatus (Coleoptera, Bruchinae). Int. J. Mol. Sci., 18(7), 1383.
- K. Fikri-Benbrahim¹, M. Chraïbi, S. Lebrazi, **M. Moumni**, and M. Ismaili. (2017). Phenotypic and Genotypic Diversity and Symbiotic Effectiveness of Rhizobia Isolated from Acacia sp. Grown in Morocco. J. Agr. Sci. Tech. Vol. 19: 201-216.
- El-Hilali F, El-Hilali H, Dheeb BI, Traore BM, Messouak M, Mazouz H, **Moumni M**, Belgacem FBM and El-Mowafy AM. (2016). Blood Transfusion Utility During Cardiopulmonary Bypass and Correlation with Key-Biochemical Laboratory Findings: A New Approach to Identify Preventive and Risk Factors (1-Year Practice at University Hospital Hassan-II of Fez), Biochem Anal Biochem 2016, 5:3 DOI: 10.4172/2161-1009.1000290.
- Slimane Khayi, Pauline Blin, Jacques Pédrón, Teik-Min Chong, Kok-Gan Chan, **Mohieddine Moumni**, Valérie Hélias, Frédérique Van Gijsegem and Denis Faure. (2015). Population genomics reveals additive and replacing horizontal gene transfers in the emerging pathogen Dickeya solani. BMC Genomics 16:788 DOI 10.1186/s12864-015-1997-z.
- Redouane Aherrahrou, Zouhair Aherrahrou, J. Erdmann **and M. Moumni** (2015). Identification of a novel ovine LH-beta promoter region, which dramatically enhances its promoter activity. SpringerPlus. 4:466 DOI 10.1186/s40064-015-1182-5.
- R. Aherrahrou, Z. Aherrahrou, F. Kaiser, D. Braunholz, S. Wrobel, J. Erdmann **and M. Moumni**. (2015). Identification of a single SNP that increases the LH-beta promoter activity in the Moroccan prolific D'man breed. Journal of Animal Science. doi: 10.2527/jas2014-8669).
- El Hamzaoui, A., Oukabli, A., **Moumni, M.** (2015). Identification of self-incompatibility S alleles in Moroccan almond germplasm by PCR. Journal of Horticultural Science and Biotechnology. 90 (3) 337–343.
- Slimane Khayi, Yannick Raoul des Essarts, Samuel Mondy, **Mohieddine Moumni**, Valérie Hélias, Amélie Beury-Cirou, and Denis Faure. (2015). Draft genome sequences of the three Pectobacterium-antagonistic bacteria Pseudomonas brassicacearum PP1-210F and PA1G7 and Bacillus simplex BA2H3. Genome Announcements, Volume 3 Issue 1 e01497-14.
- Slimane Khayi, Yannick Raoul des Essarts, Angélique Quêtu-Laurent, **Mohieddine Moumni**, Valérie Hélias, Denis Faure. (2014). Genomic overview of the phytopathogen Pectobacterium wasabiae strain RNS 08.42.1A suggests horizontal acquisition of quorum-sensing genes. Genetica, doi: 10.1007/s10709-014-9793-2.
- Abdelali El Hamzaoui, Ahmed Oukabli **and Mohieddine Moumni**. (2014). Morphological and molecular diversity and genetic structure of Moroccan cultivated almond (Prunus dulcis Mill.) beside some foreign varieties. Plant Genetic Resources: Characterization and Utilization; 1–10 doi: 10.1017/S1479262114000094.

- Lalla Fatima Douiri, Ahmed Boughdad, Moulay Hafid Alaoui, **Mohieddine Moumni**. (2014). Biological Activity of Rosmarinus Officinalis Essential Oils against Callosobruchus Maculatus, (Coleoptera, Bruchinae). Journal of Biology, Agriculture and Healthcare. Vol.4, No.2, 5-14.
- Slimane Khayi, Samuel Mondy, Amélie Beury-Cirou, **Mohieddine Moumni**, Valérie Hélias, Denis Faure. (2014). Genome Sequence of the Emerging Plant Pathogen Dickeya solani Strain RNS 08.23.3.1A. Genome Announcements. Volume 2 Issue 1, 1-2.
- Najat Hannou, Samuel Mondy, **Mohieddine Moumni**, Pablo Llop, María López, Charles Manceau, Marie-Anne Barny, Denis Faure. (2013). Deep sequencing revealed genome-wide single-nucleotide polymorphism and plasmid content of Erwinia amylovora strains isolated in Middle Atlas, Morocco. Research in Microbiology. 164, 815-820. doi: 10.1016/j.resmic.2013.06.003.
- Najat Hannou, Pablo Llop, Denis Faure, María M. López **and Mohieddine Moumni**. Characterization of Erwinia amylovora isolates from Middle Atlas Mountains in Morocco by PCR based on tandem repeat sequences. European Journal of Plant Pathology, (2013) 136:665-674. DOI 10.1007/s10658-013-0197-4.
- Abdelali Elhamzaoui, Ahmed Oukabli, Jamal Charafi, **Mohieddine Moumni**, Moroccan almond is a distinct gene pool as revealed by SSR. Scientia Horticulturae (2013) 154, 37–44. DOI: 10.1016/j.scienta.2013.02.022.
- LallaFatima DOUIRI, Ahmed BOUGHDAD, Omar Assobhei **and Mohieddine MOUMNI**. Chemical composition and biological activity of Allium sativum essential oils against Callosobruchus maculates. IOSR Journal of Environmental Science, Toxicology and Food Technology. Volume 3, Issue 1 (Jan.-Feb. 2013), PP 30-36. DOI: 10.9790/2402-0313036.
- Abdelali Elhamzaoui, Ahmed Oukabli, Jamal Charafi, **Mohieddine Moumni**. Assessment of Genetic Diversity of Moroccan Cultivated Almond (Prunus dulcis Mill. DA Webb) in Its Area of Extreme Diffusion, Using Nuclear Microsatellites. American Journal of Plant Sciences, (2012), 3, 1294-1303 doi:10.4236/ajps.2012.39156
- BEN HIDA Asmaa, MERZOUKI Mohammed3, ABOULKACEM Amal et **MOUMNI Mohieddine**. Etude de la qualité physico-chimique et bactériologique des eaux de certains puits de la ville de Meknès, Maroc. Revue Agrobiologia 2012; 2; 57-66.
- Adil Essahale, Moustapha Malki, Irma Marín **and Mohieddine Moumni**. Hexavalent chromium reduction and accumulation by Acinetobacter AB1 isolated from Fez tanneries in Morocco. Indian Journal of Microbiology. 2012 Mar; 52(1): 48–53. DOI 10.1007/s12088-011-0187-1.
- Essahale A., M. Malki, I. Marín **and M. Moumni**. Bacterial diversity in FEZ tanneries and Moroccan's binlamdoune River, using 16S RNA gene-based fingerprinting. Journal of Environmental Sciences. Vol. 22, No.9, 1-10. 2010. [https://doi.org/10.1016/S1001-0742\(09\)60344-2](https://doi.org/10.1016/S1001-0742(09)60344-2).
- MALKI M., MARIN I., ESSAHALE A., AMILS R. **and MOUMNI M.** Physico-chemical parameters and bacterial diversity in the Moroccan's Sebou River. Journal of Food Agriculture & Environment. Vol. 6 (1): 172-176. 2008.
- ESSAKKI M., OUAZZANIN., LUMARET R. **and MOUMNI M.** ISSR variation olive-tree cultivars from Morocco and other western countries of the Mediterranean Basin. Genetic Resources and Crop Evolution.53: 475-482. 2006.

- BEN EL MAATI F., JLIBENE M., **MOUMNI M.** Mise en évidence du gène Lr35 de résistance adulte du blé tendre à la rouille brune par un marqueur moléculaire ISSR. *Al Awamia* 117 Vol 3 N°1. 2006.
- BEN EL MAATI F.Z., JLIBENE M., **MOUMNI M.** et MOKHTARI F. Adaptation de la méthode ISSR pour la caractérisation du blé tendre au Maroc. *Al Awamia* (2005), N.112, 37-45.
- BEN EL MAATI F.Z., JLIBENE M. and **MOUMNI M.** Study of the polymorphism of common wheat using ISSR marker. *Food, Agriculture & Environment* Vol.2 (3&4): 120 - 124. 2004.
- HAGOUD A., R. AIT M'HAND, G. RAYSSET, N. EL M'DAGHRI, M. BENBACHIR and **M. MOUMNI.** Prevalence and characteristics of nim genes encoding 5-nitroimidazol resistance among *Bacteroides* strains isolated in Casablanca. *Microbial Drug Resistance*, 7, numéro 2, année 2001, 7(2):177-81. doi: 10.1089/10766290152045057.
- MOUMNI M.** Génétique Moléculaire (génie génétique), livre d'exercices avec solutions détaillées. Editeur : Afrique Orient, année 2000, nombre de pages : 192. ISBN/ISSN/ : 9981-25-173-9. Dépôt légal : 1445/1999.
- MOUMNI M.** Les outils moléculaires appliqués au contrôle de qualité agro-alimentaire. Minbar Al Jamiaa, Editeur : Université Moulay Ismaïl, An 2000, numéro : 2, pages 67-73.
- HAGGOUD A., TRINH. S., **MOUMNI M.** and REYSSET G. Genetic analysis of the minimal replicon of plasmid pIP417 and comparison with the other encoding 5-nitroimidazole resistance plasmids from *Bacteroides*. *Plasmid*. 1995; 34(2): 132-43. doi: 10.1006/plas.1995.9994.
- LERRANT Y., KOTTLER M. L., BERGAMETTI F., **MOUMNI M.**, BLUMBERG-TICK J. and COUNIS R. Expression of GnRH receptor gene is altered by GnRH agonist desensitization in a manner similar to that of gonadotropin beta subunit genes in normal and castrated rat pituitary. *Endocrinology*, (1995), 7, 2803-2808.
- PELLETIER J., COUNIS R., DE REVIERS M.M., **MOUMNI M.** and TILLET Y. Changes in LH β -gene and FSH β -gene expression in the ram pars tuberalis according to season and castration. *Cell Tissue Res.*, (1995), 281, 127-133.
- MOUMNI M.**, KOTTLER M.L. and COUNIS R. Nucleotide sequence analysis of messenger RNA predicts that rat pituitary and gonadal GnRH receptor proteins have identical primary structure. *Biochem. Biophys. Res. Commun.*, 1994, 3, 1359-1366.
- COUNIS R., BOUAMOUD N., LERRANT Y., STARZEC A., **MOUMNI M.**, KOTTLER M.L., GARREL G., BERAULT A., BERGAMETTI F. Données récentes sur le récepteur de la gonadolibérine et les mécanismes de contrôle par le neuropeptide de l'expression des gènes des hormones gonadotropes. *Contracept. Fertil. Sex.* 1993, 21, 773-779.
- COUNIS R., BOUAMOUD N., LERRANT Y., GARREL G., STARZEC A., **MOUMNI M.** and RIBOT G. Multimodal regulation of pituitary gonadotropin gene expression by gonadal steroids and gonadoliberin. In: "Gonadotrophins, GnRH and GnRH analogs and gonadal peptides". Parthenon Publishing, Carnforth, U.K. 1993, 313-333.
- QUERAT B., **MOUMNI M.**, JUTISZ M., FONTAINE Y.A. and COUNIS R. Molecular cloning and sequence analysis of the cDNA for the putative beta subunit of the type-II gonadotrophin from the European eel. *J. Mol. Endocrinol.*, 1990, 4, 257-264.

- D'ANGELO-BERNARD G., **MOUMNI M.**, JUTISZ M. and COUNIS R. Cloning and sequence analysis of the cDNA for precursor of the beta subunit of ovine luteinizing hormone. *Nucleic Acids Res.*, 1990, 18, 2175.
- CORBANI M., COUNIS R., WOLINSKA-WITORT E., D'ANGELO-BERNARD G., **MOUMNI M.** and JUTISZ M. Synergistic effects of progesterone and estradiol on rat LH subunit mRNA. *J. Mol. Biol.*, 1989, 4, 119-125.
- STARZEC A., **MOUMNI M.**, D'ANGELO-BERNARD G., LERRANT Y., BOUAMOUD N., JUTISZ M. and COUNIS R. GnRH stimulation of LH subunit gene expression. Role of protein kinases A and C. *Path. Biol.*, 1989, 37, 809-813.
- STARZEC A., **MOUMNI M.**, D'ANGELO-BERNARD G., LERRANT Y., JUTISZ M. and COUNIS R. Cyclic AMP enhances gene expression, synthesis and release of newly synthesized alpha and luteinizing hormone beta subunits in cultured rat anterior pituitary cells. *Neurochem. Int.*, 1989, 15, 259-264.
- LERRANT Y., D'ANGELO-BERNARD G., **MOUMNI M.** COUNIS R. Effet ambivalent de la thyroxine sur l'expression des gènes des gonadotrophines chez le rat intact et gonadectomisé. *Path. Biol.*, 1988, 36, 973-978.