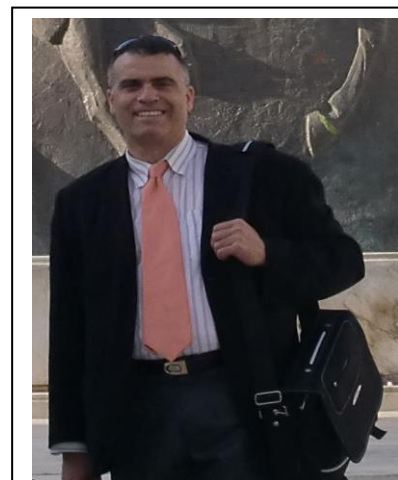


# Curriculum Vitae

## Personal Data

Name: KEBIECHE Mohamed  
PhD in Biochemistry, **full Professor**  
Department of microbiology and biochemistry  
Faculty of natural and life sciences, University of Batna2, Algeria.  
Field: Biochemistry, Environmental toxicology and pharmacology  
Date & place of birth: 17/01/1962 in Jijel, Algeria.  
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*Pr. Mohammed KEBIECHE*

## Academic Degrees

- Super studies diploma (Bachelor) in biochemistry, University of Constantine, Algeria (1987).
- Ms of Science (Magistère) in applied Biochemistry, University of Constantine, Algeria (1991).
- PhD in biochemistry, University of Constantine, Algeria, with collaboration of Metz University, France (2009).
- Associate Professor and Habilitated researcher in Biochemistry, (November 2012).
- Professor degree (December 2017)

## Professional experiences

- Assistant Professor/: 1992-1993, Veterinary institute, University of Batna, Algeria.
- Assistant Professor: 1994-2009 at University of Jijel, Algeria.
- Associate professor: 2009, University of Jijel, Algeria.
- Full professor since December 2017, Natural and life sciences, University of Batna2, Algeria.

## Subjects Taught

- Biochemistry of biomolecules ; cellular energy ; Endocrinal regulation of metabolism ; enzymology ; cell signaling ; Nutritional biochemistry ; Molecular toxicology and pharmacology ; Biochemistry of the great functions (blood, brain, liver, muscles...); Endocrinology: metabolism and pharmacology; Proteins maturation ; Biomembranes: structure and function ;...

## Administrative functions

- Head of biological domain staff in Faculty of natural and life science, University of Jijel, and member of National Committee of Biological Domain (NCBD), by ministerial decision, (June 2014 till July 2017)
- President of Scientific board of natural sciences and leaving Faculty, University of Jijel, Algeria (december 2013 - December 2016).
- Department head of Biochemistry and microbiology, University of Jijel (2001-2006).
- Director of Continuous University Learning Centre of Jijel, Algeria (2006- 2012).

## Research projects and supervision activities

- Ministerial research project manager (PRFU): Code D01N01UN050220190001, entitled “Evaluation of toxic risks of chronically consumption of contaminated foods by the POPs and heavy minerals, and research protective substances” agreed in 01/01/2019 to 31/12/2022

- Ministerial Research Project manager (CNEPRU): Code F01720140026 entitled “**Contribution to effect study of food micro-pollutants on cellular and functional integrity and bioactivity of polyphenols**” agreed in **01/01/2015 to 31/12/2018**.
- Ministerial Project manager (CNEPRU): Code F01720100002 entitled “**Evaluation of POPs toxicity and bioactivity of flavonoids**” agreed in **01/01/2011 to 31/12/2013**.
- A head of research staff of Biochemistry and bioactive substances in Laboratory of Cell and Molecular biology (CMBL), University of Jijel, Algeria (2012-till now)
- Thesis supervisor for many doctorate topics in following key wards: Oxidative stress, mitochondria, cellular integrity and dysfunction, apoptosis, neurotoxicity, hepatotoxicity, diabetes, bioactivity effect of natural substances, neurobehavioral toxicants, HAP, POPs, Pesticides...
- Member organizer of many seminars and congresses in Algeria and in abroad.
- Editor-reviewer of Translational Genetics and Genomics, Korean journal (in July 2016 for 2 years).

### **Publications**

[https://www.researchgate.net/profile/Mohammed\\_Kebieche](https://www.researchgate.net/profile/Mohammed_Kebieche)

1. Steef Kurtstjens, Hacene Bouras, Caro Bos, **Mohamed Kebieche**, [...], Jeroen H.F. de Baaij, Diabetes-induced hypomagnesemia is not modulated by metformin treatment in mice. Scientific reports (**Category A**), February 2019
2. Hanane Boutennoun, Lilia Bousouf, **Mohamed Kebieche**, Khaled Al-Qaoud, Khodir Madani, Phenolics Content, Antiproliferative and Antioxidant Activities of Algerian *Malva sylvestris*, European Journal of Biological Research, January 2019.
3. Salim Gasmi, Brahim Ben Aicha, Rachid Rouabhi, **Mohamed Kebieche**, [...], Hippocampal Apoptosis Assessment after Alterations by Low Doses of Acetamidrid in the brain of waster Rats, Environmental Science and Pollution Research (**category A**) 1737-36 38:290-293, May 2018.
4. Salim Gasmi, Brahim Ben Aicha, Fouad Menaceur, [...], **Mohamed Kebieche**, Study of chronic neurotoxicity by acetamidrid in rats, African journal of biotechnology 02(01):A1-A27 (march 2018). DOI:10.5281/zenodo.1245695
5. A. Cherbal, **M. Kebieche**, E.m. Yilmaz, Z. Aydoğmuş, L. Benzaouia, M. Benguessoum, M. Benkedidah, K. Madani: *Antidiabetic and hypolipidemic activities of Algerian Pistachia lentiscus L. leaves extract in alloxan-induced diabetic rats*. South African Journal of Botany (**category A**), 01/2017; 108. DOI:10.1016/j. sajb. 2016.10.024
6. Zhoura Lakroun, **Mohammed KEBIECHE**, Asma Lahouel, [...], Rachid Soulimani *Potential of Apoptosis in Rat Striatum Exposed to Endosulfan and the Role of Quercetin*. Toxicology and Environmental Health Sciences, sep 2017.
7. Boutennoune Hanane, Lilia Boussouf, **Mohammed KEBIECHE**, [...], Khodir Madani. *In vivo analgesic, anti-inflammatory and antioxidant potentials of Achillea odorata from north Algeria*. South African Journal of Botany (**category A**), sep 2017.
8. Gasmi Salim, **Mohammed KEBIECHE**, Rachid Rouabhi, [...], Rachid Soulimani, *Alteration of membrane integrity and respiratory function of brain mitochondria in the rats chronically exposed to a low dose of acetamidrid*, Environmental Science and Pollution Research (**category A**), aug 2017.
9. Lilia Boussouf, Boutennoune Hanane, **Mohammed KEBIECHE**, [...], Khodir Madani. *Anti-inflammatory, analgesic and antioxidant effects of phenolic compound*

10. Radja Djebbari, Yasmine Chemam, Boubekri Nassima, **kebieche Mohammed**[...], Djamila Zama. *Chemoprotective Potential of Helianthemum confertum Against the Loss of Molecular and Functional Integrity of the Liver Cell in Doxorubicin-Treated Rats*. International Journal of Pharmacognosy and Phytochemical, Jul 2017.
11. Gasmi Salim, Rachid Rouabhi, **Mohammed Kebieche**,[...],Djabri Belgacem, *Effects of deltamethrin on striatum and hippocampus mitochondrial integrity and the protective role of quercetin in rats*,. Environ mental Science and Pollution Research (**Category A**). May 2017.
12. Taib chahinez, Rachid Rouabhi, Gasmi Salim, Mohammed Kebieche ,Djabri Belgacem.*Toxicity of Fe<sub>3</sub>O<sub>4</sub> nanoparticles on oxidative stress status, stromal enzymes and mitochondrial respiration and swelling of Oryctolagus cuniculus brain cortex*.Toxicology and Environmental Health Sciences.Jan 2017.
13. Asma Lahouel, **Mohammed Kebieche**, Zohra Lakroun, Rachid Rouabhi, Hamadi Fetoui, Yassine Chtourou, Zama Djamila, Rachid Soulimani: *Neurobehavioral deficits and brain oxidative stress induced by chronic low dose exposure of persistent organic pollutants mixture in adult female rat*. Environmental Science and Pollution Research (**Category A**) 05/2016; DOI:10.1007/s11356-016-6913-9
14. Afafe Beghou, **Mohammed KEBIECHE**, Gasmi Salim,[...], Rachid Soulimani *Impairment of mitochondrial integrity and redox status in brain regions during a low-dose long-term exposition of rats to pyrethroids: the preventive effect of quercetin*. Environmental Science and Pollution Research (**category A**), Jul 2017.
15. Gasmi Salim, Rachid Rouabhi, **Mohammed KEBIECHE**[...],Djabri Belgacem *Neurotoxicity of Acetamidiprid in Male Albino Rats and the Opposite Effect of Quercetin*. BioTechnology: An Indian Journal. Dec 2016.
16. Gasmi Salim, Rachid Rouabhi, **Mohammed KEBIECHE**. *Deltamethrin induced Neurodegeneration and Behavioral Effect by Dysfunction Cytosolic Antioxidant System in Rats Brain*. Algerian journal of Natural sciences, University of Tebessa 2016.
17. Henine Sara, Rouabhi Rachid, Gasmi Salim, Amrouche Aml, Abide Amna, Salmi Aya, Toualbia Nadjiba, Taib Chahinez, Bouteraa Zina, Chenikher Hajer, Boussekine Samira, **Kebieche Mohammed**, Aouimeur Mariem, Djabri Belgacem: *Oxidative stress status, caspase-3, stromal enzymes and mitochondrial respiration and swelling of Paramecium caudatum in responding to the toxicity of Fe<sub>3</sub>O<sub>4</sub> nanoparticles*. Toxicology and Environmental Health Sciences 05/2016; 8(2). DOI:10.1007/s13530-016-0273-1
18. Lahouel A, **Kebieche M**, Lakroun Z, Fetoui H, Rouabhi R, Zama D, Soulimani R: *Chronic Exposure of Female rats to a Low Dose POPs Mixture Induced Oxidative stress in Brain cytosol and mitochondria*. International Journal of Earth Sciences, 2015.
19. Yassine Chtourou, Zeineb KAMOUN, Wissem Zarrouk, **Mohammed Kebieche**, choumous kallel, Radhouane Gdoura, Hamadi Fetoui: *Naringenin ameliorates renal and platelet purinergic signalling alterations in high-cholesterol fed rats through the suppression of ROS and NFκB Signaling Pathway*. Food & Function (**category A**) 10/2015; 7(1). DOI:10.1039/C5FO00871A.
20. Yassine Chtourou, Bakth Aouey, Sonia Aroui, **Mohammed Kebieche**, Hamadi Fetoui: *Anti-apoptotic and anti-inflammatory effects of naringin on cisplatin-induced renal injury in the rat*. Chemico-biological interactions (**category A**) 09/2015; 243. DOI:10.1016/j.cbi.2015.11.019
21. Yassine Chtourou, Bakhta Aouey, **Mohammed Kebieche**, Hamadi Fetoui: *Protective role of naringin against cisplatin induced oxidative stress, inflammatory response and apoptosis in rat striatum via suppressing ROS-mediated NF-κB and P53 signaling pathways*. Chemico-biological interactions (**Category A**) 06/2015; 239. DOI: 10.1016/j.cbi. 2015. 06 .036

22. R. Rouabhi, S. Gasmi, S. Boussekine, **M. Kebieche**: *Hepatic Oxidative Stress Induced by Zinc and Opposite Effect of Selenium in Oryctolagus Cuniculus*. Journal of analytical toxicology (**category A**) 04/2015; 5(4). DOI:10.4172/2161-0525.1000289
23. Yassine Chtourou, Brahim Gargouri, **Mohammed Kebieche**, Hamadi Fetoui: *Naringin Abrogates Cisplatin-Induced Cognitive Deficits and Cholinergic Dysfunction Through the Down-Regulation of AChE Expression and iNOS Signaling Pathways in Hippocampus of Aged Rats*. Journal of Molecular Neuroscience (**category A**) 04/2015; 56(2). DOI:10.1007/s12031-015-0547-0
24. Zhoura Lakroun, **Mohamed Kebieche**, Asma Lahouel, Djamila Zama, Frederique Desor, Rachid Soulimani: *Oxidative stress and brain mitochondria swelling induced by endosulfan and protective role of quercetin in rat*. Environmental Science and Pollution Research (**Category A**) 02/2015; 22(10). DOI:10.1007/s11356-014-3885-5
25. **Kebieche M.**, Lakroun Z, Lahouel A, Zama D., Rouabhi R., Fetoui H.: *Preventive Role of quercetin against Non-enzymatic Peroxidation and Oxidative stressin Brain Mitochondria induced by Endosulfan in Rat*. International Journal of Earth Sciences 01/2015; 3(1).
26. Hanane Boutennoune, Lilia Boussouf, Abdurrahmen Rawashdeh, Khaled Al-Qaoud, Sami Abdelhafez, **Mohamed Kebieche**, Khodir Madani: *In vitro cytotoxic and antioxidant activities of phenolic components of Algerian Achillea odorata leaves*. Arabian Journal of Chemistry (**categoryA**) 06/2014; 114. DOI:10.1016/j.arabjc.2014.05.013
27. Asma Cherbal, **Mohamed Kebieche**, Khodir Madani, hala El-Adawi: *Extraction and Valorization of Phenolic Compounds of Leaves of Algerian Pistacia lentiscus*. Asian Journal of Plant Sciences 03/2012; 3(11). DOI:10.3923/ajps.2012.131.136
28. **M. Kebieche**, Z. Lakroun, Z. Mraïhi, R. Soulimani: *Effet antidiabétogène et cytoprotecteur de l'extrait butanolique de Ranunculus repens L. et de la quercétine sur un modèle expérimental de diabète alloxanique*. Phytothérapie 10/2011; 9(5). DOI:10.1007/s10298-011-0651-4
29. **M Kebieche**, Z Lakroun, M Lahouel, J Bouayed, Z Meraihi, R Soulimani: *Evaluation of epirubicin-induced acute oxidative stress toxicity in rat liver cells and mitochondria, and the prevention of toxicity through quercetin administration*. Experimental and toxicologic pathology: official journal of the Gesellschaft fur Toxikologische Pathologie 03/2009; 61(2). DOI:10.1016/j.etp.2008.06.002

### **Conference Proceedings**

1. Gasmi Salim, Rachid Rouabhi, **Mohammed KEBIECHE**. *Biochemical and behavioral study of cerebral intoxication by Acetamiprid in chronicity in rats*. Revue tunisienne de sciences sociales. Revue tunisienne de sciences sociales (ISSN: Revue des Régions Arides 0330-7956) n°43 / Numéro spécial, TUNISIA ((3/2017).
2. Lahouel. A, **Kebieche.M**, Lakroun. Z, Lahmar. M, Boulefa. A, Soulimani. R: *Chronic exposure of female rats to a low dose POPs mixture induced oxidative stress in brain cytosol and mitochondria*. The Second Intl. Conf. on Advances in Applied Science and Environmental Engineering - ASEE 2014, KUALA LUMPUR, MALAYSIA. 12/2014