***RAAD***

***RAAD.360826@2freemail.com***

**Subject: «LOOKING FOR A NEW JOB»**

**Dear,**

**As a holder of a doctorate in "Biochemistry, Cellular and Molecular Biology" at the University Paris-Sud, I continued my research activity with two post-doctorate, in Brussels and Bordeaux. I am actively looking for a new position to continue my research career, as my contract ended.**

**My Masters, PhD and Post-Docs were focused on the field of NADPH-oxidases (NOX) and the related Dual oxidases (DUOX). Members of the NOX/DUOX family have been identified in a wide variety of organisms, including mammals, nematodes, fruit fly, green plants, fungi,… These proteins play various biological and pathological roles via regulated generation of Reactive Oxygen Species (ROS). I studied those in several types of cells (White**

**Blood Cells, Thyrocytes Cells, Skin Cells, Cell Lines (Caco II, Hacat B,…*)*. During these years of research, I managed to have several publications and others are underway (as can be seen in my CV below).**

**Throughout this experience, I have demonstrated my ability to carry out a project, and showed creativity, dynamism, involvement, proposals and great autonomy. In addition, I have very good interpersonal skills.**

**I am highly interested in the idea of joining your laboratory; If I would be given the opportunity to be integrated in your team, I could contribute more to the development of this topic. I am confident that my skills and my sense of teamwork would bring you full satisfaction and I hope that my application will draw all your attention.**

**If you think that my profile corresponds to the position, I would be glad to meet you for an interview where I would demonstrate my motivation and my future prospects.**



**PHD IN: «BIOCHEMISTRY, CELLULAR AND MOLECULAR BIOLOGY” AT PARIS**

**& “TWO POSTDOC AT BRUSSELS AND BORDEAUX”.**

**PROFESSIONAL EXPERIENCE:**

**2016-2017: Teaching with «French Association For Private Lessons» Biochemistry & Chemistry) (Bordeaux).**

**2013-2015: Postdoc at Bordeaux University**, France.Topic: Roles of NOX1 in skin cancer. (Bordeaux)

**2010-2011: Postdoc at Free University of Brussels** (ULB) (Belgium). **Topic:** Study of the expression ofDUOX in thyrocytes and their role in the pathophysiological processes. (Brussels)

**2005-2008: PhD in Biochemistry, Cellular and Molecular Biology**, University Paris XI. **Topic:** Study ofthe regulation of the activation of NOX2 complex of neutrophils. (Paris)

**2008-2015: Teaching** in parallel with the thesis and post-doc, **Supervision** of student lab **2000-2001: Teaching** (Biology, Chemistry, Mathematics), First Official School (Bekaa, Lebanon)



**FORMATION:**

**2003-2004: “Master 2” of science (Msc), in Function and Protein Engineering,** UPXI (Orsay) **2002-2003:** “**Master 1” of Cellular and Molecular Biology**, University of Bobigny. (Bobigny) **1999-2000:** “**Master 1” of Science in Biochemistry**, Faculty of Sciences (UL) (Beirut)



**PUBLICATIONS:**

1. **Raad** ..., Rezvani HR. NADPH oxidase-1 plays a key role in keratinocyte responses to ultravioletradiation and UVB-induced skin carcinogenesis. [**J Invest Dermatol.**](https://www-ncbi-nlm-nih-gov.gate2.inist.fr/pubmed/28132856) 2017 Jan 26. *Current impact factor: 7.22.*
2. **Raad** ,..., De Deken X. thyroid hydrogen peroxid production in enhanced by the Th2 cytokines, IL-4and IL-13, through increased expression of the dual oxidase 2 and its maturation factor DUOXA2. **Free** **Radic Biol Med. 2013** Mar.*Current impact**factor: 5.74.*
3. **Raad** .., El-benna J. Regulation of the phagocyte NADPH oxidase activity: phosphorylation ofgp91phox/NOX2 by protein kinase C enhances its diaphorase activity and binding to Rac2, p67phox, and p47phox. **FASEB J**. **2009** Apr 23. *Current impact* *factor: 5.04.*
4. Dang PM, **Raad** ..., El-benna J. The NADPH oxidase cytosolic component p67phox is constituvely phosphorylated in human neutrophils: Regulation by a protein tyrosine kinase, MEK1/2 and phosphatases1/2A. **Biochem Pharmacol. 2011** Jul 20. *Current impact* *factor: 5.01*
5. Boussetta T, **Raad** ,.., El-benna J. Punicic acid a conjugated linolenic acid inhibits TNFalpha-induced neutrophil hyperactivation and protects from experimental colon inflammation in rats. **PLOS One. 2009** Jul 31. *Current impact* *factor: 3.23*
6. Hosseini M, Mahfouf W, Serrano-Sanchez M, **Raad** ,...Taieb A, Rezvani HR. Premature Skin aging features rescued by inhibition of NADPH oxidase activity in XPC-deficient mice. **J Invest Dermatol. 2014**

Dec 1. *Current impact* *factor: 7.22.*

1. Dang PMC, Stensballe A, Boussetta T, **Raad** .., and El-benna J. A specific p47phox-serine phosphorylated by convergent MAPKs mediates neutrophil NADPH oxidase priming at inflammatory sites.

**The J Clin Invest. 2006**, 116, 2033-43.*Current impact**factor:13.22.*

1. Grasberger H, De Deken, Mayo OB, **Raad** ,...Refetoff S. Mice deficient in dual oxidase maturation factors are severely hypothyroid. **Mol Endocrinol. 2012** Mar. *Current impact* *factor: 3.08.*



1. Boussetta T, Gougerot-Pocidalo MA, Hayem G, Ciappelloni S, **Raad** ,.., El-benna J. The prolyl isomerase Pin1 acts as a novel molecular switch for TNF-alpha induced priming of the NADPH oxidase in human neutrophils. **Blood. 2010** Dec23. *Current impact* *factor: 10.45.*
2. Liu L, Rezvani HR, Back JH, Hosseini M, Tang X, Zhu Y, Mahfouf W, **Raad**  Raji G, Athar M, Kim AL, Bickers DR. Inhibition of P38 MAPK signaling augments skin tumorigenesis via NOX2 driven ROS generation. **PLOS One. 2014** May 13. *Current impact* *factor: 3.23.*
3. **Raad** , Rezvani HR. NADPH oxidases in the physiology and pathophysiology of skin. **Review** (Inpreparation).
4. Derkawi RA, O'Dowd Y, **Raad**  ...Elbenna J. Regulation of phagocytic gp91phox/NOX2 by PAT1 (protein interacting with Amyloid Precursor Protein Tail). Submitted in **Blood**. *Current impact* *factor: 10.45.*

**Others:** two books on the NADPH oxydase. **Author:** b1)N°ISBN: b2)N°ISBN: 1 **Review:** in abcam site (IP of NOXA1/O1), 1 **Comment** (**Blood, 2010**); ESCI meeting (1), **European J. Clinical Investigation, 2010**

* 8 conferences in France, Switzerland and Germany and 2 posters in Grenoble and Paris

**TECHNICAL SKILLS:**



1. Special training animal testing for biologic senior,"Level-1", (Bordeaux, 2013)
2. Cell Culture, Isolation of Neutrophils, Platelets…from human blood and Radiolabeling
3. Culture and Bacterial expression of recombinant proteins
4. Phosphoamino acid analysis & Two-dimensional tryptic phosphopeptide mapping
5. CNBr cleavage
6. Western blotting and Immunoprecipitation
7. Methods of deglycosylation
8. Immunohistochemistry
9. Measurment of enzyme activity by spectrophotometry, Chemiluminescence and Fluorometry

**Small experience:** Lentiviral Transduction, FACS, qPCR, Nitrogen Cavitation, Northern Blotting

**DIVERS**:

* **Computer:** Adobe photoshop, Instantimager, Scion Image, C Language, Excel, Word, PPT...
* **Languages:** English, French

 