

## Curriculum Vitae

### Prof. Abdelkarim ABOUSALHAM

Institut de Chimie et de Biochimie Moléculaires et Supramoléculaires (ICBMS) – UMR CNRS 5246  
Métabolisme, Enzymes et Mécanismes Moléculaires (MEM<sup>2</sup>)  
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### Scientific and Professional Career

Sep 2007 to present      **Professor**, University Claude Bernard Lyon 1, France  
Jan 2005 to Aug 2007    **Scientific Director** of the cooperative laboratory at GERME (Research Group in Microbiology and Environment)  
Oct 1997 to Dec 2004    **Research associate** at EIPL-UPR9025-CNRS, Marseille, France  
Oct 1995 to Sep 1997    **Postdoctoral fellowship**, Signal Transduction Laboratories, Lipid and Lipoprotein Research Group, University of Alberta, Edmonton, Canada. Head: Dr David BRINDLEY

### Education

Sep 2000                    Habilitation à diriger des recherches, Univ. Aix-Marseille, France  
Title : Phospholipase D : Structure-Fonction Relationship  
Sep 1990 to Sep 1995    Ph-D Biochemistry, Univ. Aix-Marseille, France  
Title: Plant phospholipases D. Purification, Biochemical, immunological and structural characterization, Supervisor: Dr. Robert VERGER

### Stipends and awards

- Postdoctoral Fellowship "Heart and Stroke Foundation of Canada" and "Alberta Heritage for Medical Research"

### Main research interests

- **Theme 1: Structure-Fonction relationship of Phospholipase D**
- **Theme 2: Development of enzymatic assays applicable to high throughput screening**
- **Theme 3: Molecular and interfacial mechanism of adipocyte lipolysis**

### Collaborations

- Dr. Jorge Alberto RODRIGUEZ, CIATEJ-Guadalajara, Mexico
- Dr. Ahmed ALOULOU and Prof. Sofiane Bezzine, laboratoire de Biochimie et de Génie Enzymatique des Lipases, Ecole Nationale d'Ingénieurs de Sfax et Institut Supérieur de Biotechnologies de Sfax, University of Sfax, Tunisia.
- Dr. S.R.Murthy Madiraju, Montreal Diabetes Research Center (MDRC)-CHUM, Montreal (Quebec)

### Publications

Around 45 publications; H factor 14  
5 book chapters  
5 invited international conference lectures and more than 20 seminars

### Representative Publications

1. Rahier R, Noiriél A, **Abousalham A**. *Anal Chem*. 2016; 88(1):666-74
2. El Alaoui M, Soullère L, Noiriél A, Popowycz F, Khatib A, Queneau Y, **Abousalham A**. *J Lipid Res*. 2016; 57(8):1589-97
3. El Alaoui M, Noiriél A, Soullère L, Grand L, Queneau Y, **Abousalham A**. *Anal Chem*. 2014; 86(21):10576-83
4. Zhao S, Mugabo Y, Iglesias J, Xie L, Delghingaro-Augusto V, Lussier R, Peyot ML, Joly E, Taïb B, Davis MA, Brown JM, **Abousalham A**, Gaisano H, Madiraju SR, Prentki M. *Cell Metab*. 2014 Jun 3;19(6):993-1007.
5. Aloulou A, Frikha F, Noiriél A, Bou Ali M, **Abousalham A**. *BBA Molecular and Cell Biology of Lipids*. 2014;1841(4):581-7.

### Referee

*Analytical Biochemistry; Biochimie; PLOS One; Food & Function; Colloids and Surfaces B: Biointerfaces; Process Biochemistry; Chemistry and Physics of Lipids; Chirality; BBA - Molecular and Cell Biology of Lipids; FEBS Journal; Journal of Medicinal Chemistry*