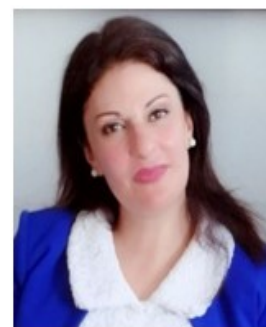


Dr. Zilal KATTAN
Ph.D. in Molecular and Cellular biology

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Education:

- 2004 – 2009** Henry Poincare University – University of NANCY (France).
Ph.D. in Molecular and Cellular biology.
Title: Role of the superoxide dismutase in manganese and of the protein damaged DNA binding 2 in breast cancer cell growth.
Under the supervision of Pr. Philippe Becuwe.
Expected: June 2009.
- 2003 – 2004** (ENSAIA), INPL- Nancy. (France).
Master in Sciences Biology. Expected: September 2004.
- 2002 – 2003** (ENSAIA), INPL- Nancy. (France).
Diplom Specific in Molecular and Cellular biology
- 1994- 1998** University of Aleppo (Syria).
License in Biology.

Employment and Work Experience:

- 1998 - 1999** **Biologiste in laboratory of Microbiology in ALPHA (Aleppo Pharmaceutical Limited), (Syria).**
- 1999 - 2001** **Director of Microbiology laboratory in hzm (Ibn Al Haytham Pharma Company).**
- 2001- 2002** **Asistant in Molecular and Cellular biology- Al Baath University. (First gradute).**
- 2009 - 2010** **Post Doctorat-** University of Bourgogne- Center of Recherche INSERM 866. Lipides, Nutrition, Cancer, Equipe Biochemistry of Peroxysomes, Inflammation and Metabolism Lipidique.
Under the supervision of Pr. Gerard LZARD.
- 2014- Now** **An assistant professor at Hama University,** the Faculty of Pharmacy, the Department of Biochemistry and Microbiology.
- 2014- Now** **A lecture at Al-Andalus university** for medical sciences, the Faculty of Pharmacy, the Department of Biochemistry and Microbiology.
- 2014- Now** **A lecture at Hama University,** the Faculty of Medicine, the Department of Biochemistry and Microbiology.
- 2016- Now** **Coordinator and a lecture for the Cell Biology in the Medical Preparatory Year at Hama University.**
- 2011- 2013** **A lecture at Furat University,** the Faculty of Veterinary Medicine, the Department of Physiology.
- 2016- 2019** **A lecture at Al Baath University,** the Faculty of Veterinary Medicine, the Department of Physiology.

Management:

2017-2018 Deputy Dean of the Faculty of Pharmacy at Hama University.

2018-2022 Dean of the Faculty of Pharmacy at Hama University.

International Symposiums and Meetings:

- **Kattan Z. Minig V. Leroy P. Dauca M. Becuwe P.**

Role of manganese superoxide dismutase on growth and invasive properties of human estrogen-independent breast cancer cells.

Breast Cancer Res Treat. 2008 Mar; 108(2):203-15. Epub 2007 May 2.

23-27 Septembre 2007. **Congrès international ECCO14 Barcelone, Espagne**

- **Kattan Z. Minig V. Becuwe P**

Biological Role of the protein p48 in breast cancer cell growth.

23 - 27 Octobre 2006. **Doctorales of Lorraine at Bresse in the Vosges. France**

Publications: (Zilal Kattan/google scholar.com)

- **Kattan Z. Marchal S. Brunner E. Ramacci I. Leroux A. Merlin JL. Domenjoud L. Dauca M. Becuwe P.**

Damaged DNA binding protein 2 plays a role in breast cancer cell growth.

PLoS ONE. 2008 Apr 23;3(4):e2002.

- **Kattan Z. Minig V. Leroy P. Dauca M. Becuwe P.**

Role of manganese superoxide dismutase on growth and invasive properties of human estrogen-independent breast cancer cells.

Breast Cancer Res Treat. 2008 Mar; 108(2):203-15. Epub 2007 May 2.

- **Minig V. Kattan Z. Van Beeumen J. Brunner E. Becuwe P.**

Identification of damaged DNA binding 2 protein as a transcriptional regulator of the constitutive *sod2* gene expression in human breast cancer cells.

The journal of Biological Chemistry. 2009 April; 284, NO.21, pp.14165-14176.

- **Khan E. Baarine M. Dauphin A. Ragot K. Tissot N. Seguin A. Menetrier F. Kattan Z. Marie Bachelet C. Frouin F. Lizard G.**

Impact of 7-ketocholesterol and very long chain fatty acids on oligodendrocyte lipid membrane organization: evaluation via LAURDAN and FAMIS spectral image analysis. Cytometry A. 2011 April; 79(4):293-305.

- **Baarine M. Ragot K. Kattan Z. Andreoletti P. . Athias A. Savary S. Cherkaoui-Malki M. Lizard G.**

Pro-Oxidative activities of Abcd1 or Acox1 deficiency and of VLCFA on oligodendrocytes support evidences of lipid peroxidation in X-ALD patients.

European Journal. 2011 Septembre; 18,31-31

- **Baarine M. Andreoletti P. Athias A. Nury T. Zarouk A. Ragot K. Vejux A. Riedinger JM. Kattan Z. Bessedé G. Trompier D. Savary S. Cherkaoui-Malki M. Lizard G.**

Evidence of oxidative stress in very long chain fatty acid-treated oligodendrocytes and potentialization of ROS production using RNA interference-directed knockdown of ABCD1 and ACOX1 peroxisomal proteins.

Neuroscience. 2012 Jun; 28:213:1-18.

- Baarine M. Ragot K. Athias A. Nury T. Kattan Z. Genim EC. Andreoletti P. Menetrier F. Riedinger JM. Bardou M. Lizard G.

Incidence of Abcd1 level on the induction dysfunctions triggered by very long chain fatty acids and TNF- α on oligodendrocytes and astrocytes.

Neurotoxicology. 2012 Mars; 33(2):212-28.

Computer Skills:

- ICDL.
- Chemical Software: ChemDraw, IsisDraw.

Interests:

- **Sports:** Nature, Tourism, Bicycling, Horse sport.
- **Culture:** Museums, exposition, cinema, theatre.

Languages:

- Arabic: mother tongue.
- French: bilingual.
- English: bilingual.