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## **Curriculum vitae**

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### **Doaa Abass Abdalkareem Gad**

#### ***Personal information:***

Name: Doaa Abass Abdalkareem Gad  
Academic Grade: Ph. D. (Zoology)  
Date of birth: 22/ 8/ 1981  
Place of birth: Sohag, Egypt  
Gender: Female  
Social state: Married  
Nationality: Egyptian  
Specialization: Physiology, neuroscience.  
Address: Egypt / Sohag / behind the Girl's Dormitory.

Current employment: Lecturer, Zoology Department, Faculty of Science, Sohag University, Sohag, 82524, Egypt.

PhD: December 2016, Neuroscience program UAB  
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#### **Education:**

M.Sc. (Jan 2010), Zoology Department, Faculty of Science (Sohag), Sohag University, Egypt. "*Physiological Studies of the Cardiac Contractility in Two Species of Vertebrate Animals (Amphibia, "Bufo regularis" and Fishes "Clarias gariepinus")*"  
A General Grade Qualification; Very Good.

Ph.D. (22 December 2016), Institut de Neurociències Unitat de Bioquímica Facultat de Medicina, Universitat Autònoma de Barcelona (UAB), Spain. "Modulation of physiological responses of dopamine D2 receptors by class C GPCR in rat brain striatal slices". A General Grade Qualification; Excellent.

***Employment History  
as Teacher:***

Assistant lecturer, Zoology Department, Faculty of Sciences, Sohag University (2009).

I have teaching experience (from 2004 to 2012). I taught courses such as practical animal physiology (Hematology and introduction of blood chemistry) and (Nerves and muscle contraction) at that time I was responsible for laboratory teaching tasks. All courses are taught in English Language. Demonstrator, Zoology Department, Faculty of Sciences, South Valley University (2004). (Sohag University)

***Language Proficiency:***

Completed French certificate from literary Faculty (Sohag University).

Completed TOEFL from language center, Sohag University.

***Training programs***

Several training programs for the development of skills of faculty members and center leaders (research team management, research ethics, strategic planning, legal and financial aspects in University environment, code of ethics, effective presentation and use of technology in teaching). (Sohag University)

Radioactivity training course. (UAB)

***Publications:***

- El-Sayed, M. F.; Ibrahim, A. S.; Okil, H. A. and **Abd alkareem, D. A.** (2010). The role of sarcoplasmic reticulum and sarcolemma in the regulation of cardiac contractility at different times and higher extracellular potassium in the cardiac muscle of catfish and toad. Egypt.acad. J. biology.Sci., 2 (2): 99 – 113.
- Ibrahim, A. S.; Okil, H. A.; El-Sayed, M. F. and **Abd alkareem, D. A.** (2011). Physiological studies on the role of sarcoplasmic reticulum and calcium concentration on cardiac forth of catfish and toad. J. Egypt. Ger. Soc. Zool., 63 (A): Comparative Physiology, 277-295 .

- Okil, H. A.; Ibrahim, A. S.; El-Sayed, M. F. and **Abd alkareem, D. A.** (2011). Sarcoplasmic reticulum, Sarcolemma, potassium, and the twitch force in the Catfish and Toad after 15 minutes. *J. Egypt. Ger. Soc. Zool.*, 64 (A): Comparative Physiology, 113-130 .
- Marta González-Sepúlveda, Guofen Ma, Santi Rosell-Vilar, Noora Raivio, Doaa Abass, Carlos Ruiz-Arenas, Jordi Ortiz, Josefa Sabriá, and David Moreno Delgado. Fine-tuning of brain striatal dopamine synthesis by endproduct feedback-inhibition of tyrosine hydroxylase. Submitted to "Journal of Neurochemistry"
- Doaa Abass, Ph.D.\*1,4, James Dalton, Ph.D.\*1, Adrian Poveda, M.S.1, M<sup>a</sup> del Mar Castillo-Ruiz M.S.1, Francisco Ciruela, Ph.D. 3, Carles Gil, Ph.D.1, Jesús Giraldo, Ph.D.\*1,3, Maria Josefa Sabria, Ph.D.\*1, and Jordi Ortiz, Ph.D.\*1,3."Metabotropic glutamate 5 receptors in brain dopaminergic neurons crosstalk with dopamine D2 autoreceptors" Submitted to "Neuropsychopharmacology"

### *Scientific Meetings*

- Doaa Abass, Guofen Ma, Marta González-Sepúlveda, Jesus Giraldo, Josefa Sabria and Jordi Ortiz  
D<sub>2</sub> receptor crosstalk with metabotropic glutamate receptors, but not with GABA<sub>B</sub> receptors, in the regulation of dopaminesynthesis in rat brain. Dopamine 2016 Meeting. Vienna (Austria) September 5-8, 2016
- V Scientific Conferences Institut de Neurociències  
12th and 13th of May 2016, School of Medicine  
*Universitat Autònoma de Barcelona.*
- XIII Jornada Científica del Departament de Bioquímica i Biologia Molecular, School of Medicine *Universitat Autònoma de Barcelona.* 6<sup>th</sup> of June, 2016.
- XIII Jornades Científiques del Departament de Bioquímica

i Biologia Molecular, School of Medicine *Universitat Autònoma de Barcelona*. 6<sup>th</sup> of June, 2016.

STUDIES OF GPCR LOCALIZATION AND FUNCTIONAL EFFECTS IN BRAIN TISSUE AND IN CULTURED CELLS. Sabrià J, Abass D, García V., Mínguez T, Granell B, González-Sepúlveda M, Ortiz J, Gil C.

- **X Simposi de Neurobiologia de la Societat Catalana de Biologia. 6th of October, 2016** “D<sub>2</sub> receptor crosstalk with metabotropic glutamate receptors regulates dopamine synthesis in rat brain”.

Abass D, Ma G, González-Sepúlveda M, Gil C, Giraldo J, Sabrià J, Ortiz J. Institut de Neurociències, Universitat Autònoma de Barcelona