



Curriculum Vitae



وحدة ضمان الجودة

Personal information

Name	Mohamed Essameldin Abdelwahab Abdelgawad		
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E-mail	Mohamed_Abelgawad@science.helwan.edu.eg		
Nationality	Egyptian		
Date of birth			
Fax(es)			
الرقم القومي			
الدرجة الاكاديمية	Assistant Professor of Biochemistry and Molecular Cell Biology		
الاسم العلمى للنشر	Mohamed Essameldin Abdelgawad		

Education

	الجامعة المانحة للدرجة	السنة	التخصص
PhD	Faculty of Health Sciences, University of Southern Denmark, Denmark	2014	Molecular & Clinical Cell Biology
MSc	Faculty of Science, Helwan University, Egypt	2004	Molecular Cancer Cell Biology
BSc	Faculty of Science, Helwan University, Egypt	1999	Chemistry/Biochemistry

التسلسل الوظيفي (Current / Previous positions)

الوظيفة	السنة	التخصص
Assistant Professor	July 2014- current	Assistant Professor of Biochemistry and Molecular Cell Biology, Biochemistry Department, Faculty of Science, Helwan University, Egypt
PhD research fellow	2010- June 2014	PhD research fellow at the Clinical Cell Biology Department (KCB), Vejle Hospital, Faculty of Health Sciences, University of Southern Denmark

Research Assistant	2009- 2010	Research Assistant, Department of Molecular Endocrinology (KMEB), Odense University Hospital, Medical Biotechnology Center, University of Southern Denmark
Assistant lecturer	2008- 2009	Assistant lecturer, Biochemistry Department, Faculty of Science, Helwan University, Egypt
Research Assistant	2005-2008	Research Assistant, the Occupational and Environmental Health Department, National Research Centre, Egypt
MSc scholarship holder	2000-2005	MSc scholarship holder, Biochemistry Department, Faculty of Science, Helwan University, Egypt

الأنشطة العلمية و البحثية

م	البند خلال السنة	
1	المشاركة في الخطة البحثية للقسم	Partial participation through implementing novel research areas of Biochemical Sciences including regenerative cell therapy and CiPSCs
2	المشاركة في إنشاء / تطوير المعامل البحثية	Actively participating and applying projects for a number of funding destinations to set up a Stem Cell/Cell Culture Excellence Unit and its associated Cell imaging unit. Also a specialized and fully equipped Molecular biology unit is in the focus of future planning
3	عدد رسائل الماجستير / الدكتوراه التي تقوم بالإشراف عليها	الماجستير 5 الدكتوراه 1
4	عدد رسائل الماجستير / الدكتوراه التي تقوم بتحكيمها	الماجستير الدكتوراه
5	الإشتراك في لجان امتحان القبول للدبلوم / للماجستير/ الدكتوراه	A member of the Assessment Committee for the acceptance of Biochemical analysis Diploma and Pre-master studies for Biochemistry-Academic year 2014-2015
6	المشاركة بالمحاضرات العامة و ندوات الرسائل العلمية بالقسم	

Publications الأبحاث

م	البلد	اسم المجلة	سنة النشر
1		Elgemeie GH., Mahdy EM., Elgawish MA., Ahmed M. M., Shousha WG and Eldin, Mohamed Essam (2010). New Potential Anticancer Agents A New Class of Antimetabolites: Pyridine Thioglicosides as Potential Anticancer Agents, Z. Naturforsch. 65 c, 577 – 587	
2		Andersen TL, Abdelgawad ME , Hauge EM, Rolighed L, Bollerslev J, Kjærsgaard-Andersen P, Delaisse J-M(2013) Understanding coupling between bone resorption and formation: Are reversal cells the missing link? American journal of Pathology 2013;183: 235-246	
3		Abdelgawad ME , Søre K, Andersen TL, Jürgensen HJ, Merrild DMH, Christiansen P, Kjaersgaard-Andersen P, Behrendt N, Delaisse J-M. Does collagen trigger the recruitment of osteoblasts into vacated bone resorption lacunae during bone remodeling? Bone 2014;67: 181-188	
4		Abdelgawad ME , Delaisse J-M, Hinge M, Hamid RW, Rolighed L, Engelholm LH, Marcussen N, Andersen TL. Early reversal cells in adult human bone remodeling: osteoblastic nature, catabolic functions and interactions with osteoclasts . Histochemistry and Cell Biology 2016;145: 1-13	
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Teaching/Research Hours (ساعات عمل الأبحاث) – ساعات تدريسي – ساعات عملا لتدريس – ساعات عمل الأبحاث)						
	Courses (المواد)	الساعات	عدد الأبحاث	الساعات	الساعات المكتبية	مجموع الساعات
1 st Term	Immunology	8hours	4th year Chem/Bio and Micro/Bio		4 hours	8hours
	Introduction to Biotechnology	2hours	2 nd year Biotechnology special program students		2 hours	4hours
	Toxicology	2hours	Biochemical analysis Diploma students		2 hours	4hours
	Participating in teaching Molecular biology and genetic engineering premaster Course	2hours	Premaster students of Biochemistry		2 hours	4hours
2 nd Term						

Social Activities (خدمة المجتمع) : الأشتراك في البرامج التدريبية التي تتعلق بالعملية التعليمية وخدمته : (خدمة المجتمع)	
المجتمع والتوجه بالأبحاث لخدمته المجتمع	
✚	“Development of certified Biochemistry education, integration of theory, experiment and learning resources”, Faculty of Science, Helwan University, Egypt (2006-2008).
✚	“Quality assurance and accreditation programme”, Faculty of Science, Helwan University, Egypt (2007-2008).
✚	“Preparation, modernization, updating, courses description & specification of the (premaster studies for MSc in biochemistry) & (diploma of biochemical analyses)”, Faculty of Science, Helwan University, Egypt.
✚	“Preparation and implementation of the curriculum, legalization, program specification, courses description & specification of the Molecular Biotechnology special program”, Faculty of Science, Helwan University, Egypt (2008-2009) and this program is now activated since the educational year 2013/2014.
✚	Vice Director of the Quality Assurance and Accreditation Unit, Faculty of Science, Helwan University, Egypt (September 2014 till now).
✚	International Grant Office Deputy (IGO), Helwan University, Egypt (September 2014 till now).
✚	The marketing representative of the faculty at the university board (September 2014 till now).
✚	Member of the cultural affairs committee, Faculty of Science, Helwan University, Egypt (February 2015 till September 2015).
✚	Member of the postgraduate studies committee, Faculty of Science, Helwan University, Egypt (October 2015 till now).
✚	Coordinator/representative of Helwan university for the implementation and activation of the collaboration protocol between Ministry of Higher Education and the Ministry of Military Production (January 2015 till now).
✚	TOT trainer for the Art of Writing Proposals for International Grants and the Management of Projects (January 2015 till now).

مؤتمرات – ندوات – إجتماعات – إشراف		
سنة	المكان (البلد)	اسم المؤتمر او الندوة
ندوات		2010 Training Course in Bone Biology, European Calcified Tissue Society, Berlin, Germany 2010 Bone biology Course, Faculty of Health Sciences, University of Aarhus, Denmark 2011 Animal Course, Faculty of Health Sciences, University of Southern Denmark, Denmark

	2011 Biostatistics Course, Faculty of Health Sciences, University of Southern Denmark, Denmark 2011 Matrix Biology Course, Faculty of Health Sciences, University of Copenhagen, Denmark 2012 Proteomics and protein profiling Course, Faculty of Health Sciences, University of Aarhus, Denmark 2012 Research Methods in Health Sciences Course, Faculty of Health Sciences, University of Southern Denmark, Denmark 2012 Oral and written communication in biomedicine Course, Faculty of Health Sciences, University of Southern Denmark, Denmark 2013 Advanced Microscopy Course, Faculty of Health Sciences, University of Copenhagen, Denmark 2013 English writing for researchers, Faculty of Health Sciences, University of Southern Denmark, Denmark	
مؤتمرات	2010	"Reversal cells, the missing link between bone resorbing osteoclasts and bone forming osteoblasts?", ECTS (European Calcified Tissue Society). September 2010, Berlin, Germany.
	2011	"Phenotypic characterization of the mononucleated cells appearing during the reversal phase of bone remodelling", Southern Health Science Research Forum abstract book, April 2011, Frederica, Denmark
	2012	"Collagen type I induces haptotactic migration of "reversal cells" during the bone remodelling cycle", Southern Health Science Research Forum abstract book, April 2012, Frederica, Denmark
إشراف رسائل		

الاعمال المتعلقة بتعزيز / تحسين العملية التعليمية :

	المشاركة فى تطوير و تحديث اللوائح الدراسية	1
عدد البرامج 3 أسماء البرامج : Molecular Biotechnology, Special Program. Modernization of the curriculum Biochemical Analyses Diploma and Also the implementation of the postgraduate (Diploma, MSc, PhD) studies for the Molecular Biotechnology program.	المشاركة فى متابعة تنفيذ خطط تحسين البرامج	2
	المشاركة فى تطوير المعامل	3
عدد الطلاب	المشاركة فىالتدريب الصيفى	4
عدد مشروعات التخرج 10	المشاركة فى الاشراف على مشروع التخرج	5
عدد الطلاب 10 Third year Biotechnology Program 10 students	الارشاد الاكاديمي لمجموعة من الطلاب	6
	المشاركة فى أعمال الكنترول / الامتحانات	7
Vice manager of the Quality assurance and accreditation unit, Faculty of Science, Helwan University, Egypt	المشاركة فى وحدة ضمان الجودة	8
NA	المراجعة الخارجية بمؤسسات تعليمية أخرى	9
International Grant Office Deputy, Helwan University.	أخرى – إن وجد	10