



Curriculum Vitae



وحدة ضمان الجودة

Personal information

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E-mail	soadnady@hotmail.com		
Nationality	Egyptian		
Date of birth	22-02-1972		
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الرقم القومي	27202222101143		
الدرجة الاكاديمية	استاذ مساعد Assistant Professor		
الاسم العلمى للنشر	Soad Nady		

Education

	الجامعة المانحة للدرجة	السنة	التخصص
Ph.D	Helwan University	2005	Zoology (Immunology)
M.Sc	Helwan University	2000	Zoology (Immunology)
B.Sc	Cairo University	1995	Zoology

التسلسل الوظيفي (Current / Previous positions)

الوظيفة	السنة	التخصص
Assistant lecturer in Zoology and Entomology Dept. Faculty of Science, Helwan University, Egypt.	April 2004-June 2005	Zoology

Lecturer in Zoology and Entomology Dept. Faculty of Science, Helwan University, Egypt.	July 2005-Oct. 2007	Immunology
Post-doctoral fellow in the University of Cincinnati, School of Medicine, USA.	Nov. 2007-July 2008	Viral Immunology
Post-doctoral fellow in the University of Cincinnati, School of Medicine, USA.	August 2008-March 2010	Viral Immunology
Post-doctoral fellow in Arkansas Biosciences Institute, Arkansas state university, USA.	April 2010-July 2010	Immunology
Post-doctoral fellow in the University of Cincinnati, School of Medicine, USA.	August 2010-August 2011	Viral Immunology
Lecturer in Zoology and Entomology Dept. Faculty of Science, Helwan University, Egypt.	Sept 2011-June 2012	Immunology
Assistant professor in Zoology and Entomology Dept. Faculty of Science, Helwan University, Egypt.	Feb. 2012- to date	Immunology

الأنشطة العلمية و البحثية

م	البند خلال السنة	
1	المشاركة في الخطة البحثية للقسم	اشارك
2	المشاركة في إنشاء / تطوير المعامل البحثية	انشأت معمل خاص بابحاث علم المناعة بتمويل من صندوق العلوم والتنمية التكنولوجية
3	عدد رسائل الماجستير / الدكتوراه التي تقوم بالاشراف عليها	الماجستير (6) الدكتوراه (2)
4	عدد رسائل الماجستير / الدكتوراه التي تقوم بتحكيمها	الماجستير (2) الدكتوراه
5	الاشترك في لجان امتحان القبول للدبلوم / للماجستير/ الدكتوراه	اشارك
6	المشاركة بالمحاضرات العامة و ندوات الرسائل العلمية بالقسم	اشارك

Publications الأبحاث

م		البلد	اسم المجلة	سنة النشر
1	1- Nady, S.; Elhabit, O. and Rashad, A. Comparison of genotoxicity of Ofloxacin in normal and immune stressed mice.	Egypt	1- (Suez Canal Univ Med J, Vol. 4(1) March, 1-8).	2001
	2- Nady, S.; Rashad, A. and Elhabit, O. Modification of the immune response by Ofloxacin in normal and immune compromised mice.	Egypt	2- (J. Egypt. Soc. Toxicol. Vol. 21. Jan, 77-83).	1999
	3- Ibrahim, E.; Abdel-Rahman, M.; Nady, S.; and Abdel-Hamid, I. Prevalence of window HBV infection among Egyptian blood donors.	Egypt	3- J. Drug. Res. Egypt, Nov.	2007
	4- Jason T. Blackard, Susan Rouster, Soad Nady, Gehan Galal, Marzuuk Naglaa, Rafaat Marwaa, Daef Enas, Robert H. Purcell, Suzanne U. Emerson, Kenneth E. Sherman, and M. Tarek Shata. Characterization of symptomatic hepatitis E virus (HEV) infection in Egypt.	USA	4- Clin Virol. 46 140-144.	2009
	5- Nady, S.; Hoover J. and Shata MT. IL-12 is the optimum cytokine to expand human Th17 cells <i>in vitro</i> .	USA	5- CVI, 16 (6) June, 798-805.	2009
	6- Anwar, M.; Shousha, W.; Nazif, N.; Nady, S. and El-Bana, M. Comparison between the activities of Flaxseed oil and Tangerine lyophilized juice (containing β -cryptoxanthin) as prophylaxis for osteoporotic changes in diabetic rat.	USA	6- Journal of Applied Sciences Research, 5(12): 2298-2314.	2009
	7- Mervat, M. Bahgat; Wafaa, Gh. Shousha; Soad N. Ibrahim; Y.S. Swify and Kholoud, M. Abd Allah. Immunological and biochemical changes associated with idiopathic thrombocytopenic purpura.	Egypt	7- Egypt. J. Appl. Sci. 25 (7).	2010
	8- Wafaa, Gh. Shousha; Mervat, M. Bahgat; Y.S. Swify; Soad N. Ibrahim and Kholoud, M. Abd Allah. Platelet Count as a Reliable Test in the Prognosis of Chronic Hepatitis C Virus Patients.	USA	8- New York Science Journal, 4(1).	2011
	9- Ibrahim, E. H., Abdel Wahab, S., Nady, S.; Hashem, M., Galal, G., S., Sobhy, M., Saleh A.S., and Shata, MT. Characterization of ongoing subclinical infection of hepatitis E.	Egypt	9- Egypt. J of Immunology,	2011
	10- Nady, S.; Abdel-bary, M.; El-yamany N. and Alsherbiny, M. Protective role of propolis from exposure to bacterial endotoxin.	Egypt	10- Egyptian German Journal of Zoology, Vol. 64.	2011
	11- Eman Mohamed Emera, Mona Abd El-Rahman Osman, Aly Fahmy Mohamed and Soad Nady. Physiological and Immunological Evaluation of rabies vaccine adsorbed to two different vaccine vehicles.	Egypt	11- EJMM, 21 (3), July.	2012
	12- Soad Nady, Gamal Singer and M. Tarek Shata: Differential Effects of HCV Proteins on Neutrophils Activation.	Egypt	12- Egypt. J. Appl. Sci. 28 (12B).	2013
	13- Nady, S.; El-Morsi, E.M.; Abdel-rahman, M.; Ezz, A. and Elhabit, O.H. Study on the biochemical effect of Date Palm Pollen on mice exposed to incense smoke.	Egypt	13- Med. J. Cairo Univ., 82(1):495-504.	2014
	14- Xie L., Chen J., McMickle A., Awar N., Nady S., Sredni B., Drew P.D., Yu S. The immunomodulator AS101 suppresses production of inflammatory cytokines and ameliorates the pathogenesis of experimental autoimmune encephalomyelitis.	USA	14- J Neuroimmunol. Aug 15;273(1-2):31-41.	2014
	15- Amany A. Tohamy, El Gamal B.M., Yasser Ahmed Zeitoun, Soad Nady and Azza Abd ElFattah. The Impact of Chromosomal Abnormalities on Some Laboratory Measurements of Acute Lymphoblastic Leukemia Patients.	USA	Current Science International 3(4): 333-340, ISSN: 2077-4435.	2014

<p>16- Mohamed Osman, Hassan, F.R.H., W.A. Ahmed, Soad Nady, Heba El-sayed. Growth and antimicrobial activity of different mushroom strains grown in submerged culture.</p>	USA	JCBPS; Section B; Nov.– Jan. 2015, Vol. 5, No. 1; 545-564.	2014
<p>17- El Gamal B.M., Amany A. Tohamy, Yasser Ahmed Zeitoun, Soad Nady and Azza Abd ElFattah. The Impact of Immunophenotypes on Some Laboratory Measurements of Acute Lymphoblastic Leukemia Patients.</p>	USA	Current Science International 4(2): 208-215, ISSN: 2077-4435.	2015
<p>18- Soad Nady and M. Tarek Shata: Th17 Cytokines Modulates Neutrophil Response to Co-Infection with <i>Schistosoma</i> SEA and HCV Core Protein.</p>	Indonesia	International Conference on Biological, Civil and Environmental Engineering (BCEE-2015) Feb. 3-4, Bali	2015
<p>19- Soad Nady, Asmaa Ezz, Ayatollah El-Shorbagy, Gamal Esmat and Shata MT: HCV infection amplified Th2 bias and Th17 responses in <i>Schistosoma</i>-infected patients.</p>	Egypt	The Egyptian Journal of Immunology. Vol. 23 (1),. Page: 87-96.	2016
<p>20- Ayatollah El-Shorbagy, Shata MT, Mohamed Mohei and Soad Nady: Differential effects of Th17 cytokines on the functions of granulocytes isolated from <i>Schistosoma</i> infected-patients and healthy individuals.</p>	India	J Arab Soc Med Res 11(1);:29–36.	2016
<p>21- Sílvia A. Sousa, Mostafa Morad, Joana R. Feliciano, Tiago Pita, Soad Nady, Rehab E. ElHennamy, Mona Abdel-Rahman, José Cavaco, Luísa Pereira, Celeste Barreto, Jorge H. Leitão: The Burkholderia cenocepacia OmpA-like protein BCAL2958: Identification, characterization, and detection of anti-BCAL2958 antibodies in serum from B. cepacia complex-infected Cystic Fibrosis patients.</p>	USA	AMB Express 6:41.	2016
<p>22- Soad Nady, Shata MT, Rabab Salama and Ayatollah El-Shorbagy: Protective role of IL-22 against <i>Schistosoma</i> soluble egg antigen induced granuloma <i>in vitro</i>.</p>	USA	Parasite Immunology Journal, Oct 2016.	2016
<p>23- Soad Nady and Gamal Esmat. IL-17 induced the recruitment and functional activity of granulocytes isolated from patients coinfecting with schistosomiasis and hepatitis c virus. Submitted to EJI</p>			
<p>24- Soad Nady, Asmaa Ezz, Mahmoud Abdelrahman, Mohamed Mohey, Gamal Esmat, Wafaa Elakel and Shata MT. A novel score for diagnosis of liver fibrosis based on Th17 activity and sera fibrosis biomarkers. (Submitted to EJGI).</p>			
<p>25- Osman, M.E., W.A. Ahmed, Heba, E.E. and Soad Nady: Immunomodulatory and antitumor activities of mycelia <i>Flammulina velutipes</i> Fv19 extract. (Submitted to Natural products).</p>			
<p>26- Mahmoud Abdelrahman, Hatem A. El-mezayen, Rabab Salama, and Soad Nady: Clinical utility of interleukin 17 in the assessment of hepatic fibrosis in <i>Schistosoma</i>/hepatitis C coinfecting patients: its role in extracellular remodeling (Submitted to Rendiconti Lincei).</p>			

<p>27- Soad Nady, Mona Abdel-Rahman, Silvia A. Sousa, Jorge H. Leitão, Mostafa Morad and Rehab E. El-Hennamy: Differential effects of Th17 cytokines during the response of neutrophils to Burkholderia cenocepacia outer membrane protein A. (Submitted to immunobiology).</p> <p>28- Soad Nady, Rehab E. El-Hennamy, Nahla Mohamed and Marwa El-Kayaty. Apoptotic effect of gold nanoparticles on human colon cancer cell line Caco-2 but not on normal epithelial cell lines WISH. Submitted article</p> <p>29- Soad Nady, Amira A. Bauomy, Irene Sameh Gamil and Ayatollah El-Shorbagy. Effect of rosemary extract on <i>Schistosoma mansoni</i> granuloma formation <i>in vitro</i>. In preparation</p> <p>30- Soad Nady. Effect of Moringa olifera extract on <i>Schistosoma mansoni</i> granuloma formation <i>in vitro</i>. In preparation</p> <p>31- Asmaa Ezz, Rabab Salama and Soad Nady. Neutralization of IL-17 as an effective therapy for the formation of granuloma induced <i>in vitro</i> using lymphocytes isolated from <i>Schistosoma</i> infected patients. In preparation</p> <p>32- Asmaa Ezz, Fatma Elzahraa Hussein, Irene Sameh Gamil, Rabab Salama and Soad Nady. Effect of date palm pollen on the formation of granuloma induced <i>in vitro</i> using lymphocytes isolated from <i>Schistosoma</i> infected patients. In preparation</p>			
<p>Posters:</p> <p>1. Isolation, propagation and characterization of Human Th17 cells in vitro Soad Nady, Barrett A., Sherman K., and Shata MT. Viral Immunology Laboratory, Division of Digestive Diseases, Department of Internal Medicine, University of Cincinnati, Department of Internal Medicine</p> <p>2. Differential effects of HCV non-structural proteins on Neutrophils activation Soad Nady and MT Shata Viral Immunology Laboratory, Division of Digestive Diseases, Department of Internal Medicine, University of Cincinnati</p> <p>3. Differential Effects of HCV Proteins on Neutrophils Activation. Soad Nady and Shata, M.T.</p> <p>4. HCV infection amplified Th2 bias and Th17 responses in <i>Schistosoma</i>-infected patients Soad Nady, Asmaa Ezz, Ayatollah El-Shorbagy, Gamal Esmat* and Shata MT® Zoology Department, Faculty of Science, Helwan University * Department of Endemic Medicine and Hepatology, Faculty of Medicine, Cairo University ® Division of Digestive Diseases, Department of Internal Medicine, University of Cincinnati, OH, USA.</p>	<p>USA</p> <p>USA</p> <p>Genoa, Italy</p> <p>New Orleans, Louisiana, USA</p>	<p>Presented at the TRAINEES' RESEARCH GRAND ROUNDS, University of Cincinnati</p> <p>Presented at the Digestive Health Center Annual Scientific Retreat, University of Cincinnati</p> <p>Presented at the 19th International Symposium of HCV and related viruses</p> <p>Presented at the tropical medicine and hygiene conference</p>	<p>(May 7, 2008)</p> <p>(March 8, 2011)</p> <p>Oct 5-9 2012</p> <p>2-6 Nov. 2014</p>

<u>Abstracts:</u>			
<p>1. PROTECTIVE ROLE OF IL-22 AGAINST SCHISTOSOMA SOLUBLE EGG ANTIGEN INDUCED GRANULOMA IN VITRO</p> <p><i>Ayatollah El-Shorbagy, Shata MT* and Soad Nady</i> <i>Zoology department, Faculty of Science, Helwan University</i> <i>* Division of Digestive Diseases, Department of Internal Medicine, University of Cincinnati, OH, USA</i></p>	Ain Sokhna, Egypt	Presented at the 4 th international conference of the Arab society for medical research	13-16 Sept. 2014
<p>2. Th17 cytokines modulates Neutrophil response to co-infection with Schistosoma SEA and HCV core protein <u>Soad Nady</u> and M. Tarek Shata*</p> <p><i>Zoology Department, Faculty of Science, Helwan University</i> <i>* Division of Digestive Diseases, Department of Internal Medicine, University of Cincinnati, OH, USA</i></p>	Indonesia	Presented at the International Conference on Biological, Civil and Environmental Engineering (BCEE-2015),	Feb. 3-4, 2015 Bali
<p>3. Clinical utility of interleukin 17 in the assessment of hepatic fibrosis in Schistosoma/hepatitis C coinfectd patients: its role in extracellular remodeling Hatem A. El-mezayen¹, Mohamed Mohei*, Mahmoud Abdelrahman¹ and <u>Soad Nady</u></p> <p><i>Zoology Department, Faculty of Science, Helwan University</i> <i>Biochemistry Department, Faculty of Science, Helwan University</i> <i>* Division of Digestive Diseases, Department of Internal Medicine, Cairo University</i></p>	Athens, Greece.	Presented at the Annual International Conference on Biology,	22-25 June 2015,
<p>4- IL-17 induced the recruitment and functional activity of granulocytes isolated from patients coinfectd with schistosomiasis and hepatitis c virus. Submitted to EJI <u>Soad Nady</u> and Gamal Esmat*</p> <p><i>Zoology Department, Faculty of Science, Helwan University</i> <i>* Division of Digestive Diseases, Department of Internal Medicine, Cairo University</i></p>	Sharm Elsheikh, Egypt	Presented at the 5 th international conference of the Arab society for medical research	28-31 October 2016.

Teaching/Research Hours (ساعا تعمل لتدريس - ساعات عمل الأبحاث)

	Courses (المواد)	الساعات	عدد الأبحاث	الساعات	الساعات المكتبية	مجموع الساعات
1 st Term	1- Cytology, histology and embryology	2	3	24	8	40
	2- Immunology	3				
	3- Cancer immunology	3				
2 nd Term	1- Immunology	6	3	18	8	40
	2- Advanced immunology	4				
	3- Introduction to Immunology	4				

الأشتراك في البرامج التدريبية التي تتعلق بالعملية : (خدمة المجتمع) Social Activities والتعليمية وخدمه المجتمع والتوجه بالأبحاث لخدمه المجتمع

تم انشاء معمل خاص بابحاث المناعة بالقسم وكذلك الحصول على مشروع بحثى ممول من صندوق العلوم والتنمية التكنولوجية (ضمن مشاريع التعاون المصرى الأمريكى) حيث تتمركز فكرة المشروع فى بحث دور خلايا الجهاز المناعى اثناء الاصابة بمرض البلهارسيا وعلاقتها بدرجة التليف الكبدى وخاصة فى المرضى المصابين بفيروس الكبد الوبائى سى بالإضافة الى البلهارسيا.

مؤتمرات - ندوات - إجتماعات-إشراف

سنة	المكان (البلد)	اسم المؤتمر او الندوة
6-11 May 2006).	Biotechnology Center, Faculty of Veterinary Medicine, Cairo University, Giza, Egypt.	ندوات Training courses: 1- Applications of modern immunodiagnostic techniques for diagnosis of infectious diseases.
19-23 Nov. 2006).	Central Laboratory, Faculty of Science, Ain-Shams University, Cairo, Egypt.	2- DNA sequencing
26-30 April 2009).	Biotechnology Center, Faculty of Veterinary Medicine, Cairo University, Giza, Egypt.	3- Methods of separation and purification of diagnostic and protective antigens.
23-25 June 2009).	Medical Technology Center, Alexandria University, Alex.	4- Basic principles and practice of electron microscopy.

	<p>5- Applications of genetic engineering, biotechnology and radioisotopes in the biological and agricultural fields.</p> <p>6- Immunological Techniques for studying Infectious Diseases.</p> <p>7- Immunohistochemical techniques.</p> <p>8- Stem cell and tissue culture isolation & characterization.</p> <p>9- Isolation, Proliferation and Differentiation of Human Cord Blood Stem Cells along Hepatocyte Lineage.</p> <p>10- Gene Expression Analysis on Large Scale Using Microarray and Real-Time PCR Techniques,</p> <p><u>Workshops:</u></p> <p>1- Viral hepatitis workshop</p> <p>2- Workshops of grant writing</p> <p>3- Workshop of EndNote: Information Management and Bibliography Creation</p> <p>4- Workshop of Ethics of use of human subjects in medical research and biosafety</p> <p>5- Workshop of proposal writing for international funding, organized by the British council, and the Egyptian ministry of high education.</p> <p>6- Workshop of team learning and meeting skills, organized by Heliopolis Academy.</p>	<p>Egypt. The Middle Eastern regional radioisotope center for the Arab countries, Giza, Egypt.</p> <p>Molecular immunology unit, Azhar University.</p> <p>Medical Research Institute, Alexandria University.</p> <p>Nile Center for Experimental Research, Mansoura.</p> <p>VACSERA, Giza.</p> <p>Biotechnology labs, CURP, Faculty of Agriculture, Cairo University</p> <p>(AUC), Egypt.</p> <p>University of Cincinnati, Cincinnati, OH, USA.</p> <p>University of Cincinnati, Cincinnati, OH, USA.</p> <p>Research laboratories organized by EAI and MIU in Ain Sokhna, Egypt.</p> <p>Ain-Shams University, Cairo, Egypt.</p> <p>SEKEM Company, Cairo, Egypt.</p>	<p>(8-19 Nov. 2009)</p> <p>(3-7 June 2012).</p> <p>(3-5 Dec. 2013).</p> <p>(20-23 Jan. 2014).</p> <p>(16-18 Feb. 2014).</p> <p>(16-19 May 2016).</p> <p>(April, 2007).</p> <p>(Jan., April and May 2008).</p> <p>(Jan. 2008).</p> <p>(Nov. 2008).</p> <p>(16-17 Dec. 2008)</p> <p>(May 31- June 4, 2009)</p>
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	<p>7- Human development courses, Special Abilities as well as Leadership and Planning</p> <p>8- Common statistical tools in scientific research</p> <p>9- Your way to Grants</p> <p>10- Proposal writing</p> <p>11- Capacity development for internationalization</p> <p>12- Communication and Rhetorical techniques</p>	<p>EDU master center, Cairo, during.</p> <p>National Research Center.</p> <p>Faculty of medicine, Suez Canal University.</p> <p>International grant office, Helwan University</p> <p>DAAD Kairo Akademie</p> <p>DAAD Kairo Akademie</p>	<p>March 2014</p> <p>(23th September, 2014).</p> <p>(28th October, 2015).</p> <p>(23rd -24th March 2016).</p> <p>(22nd November 2016).</p> <p>(November, 30, 2016).</p>
مؤتمرات	<p>1- The TRAINEES' RESEARCH GRAND ROUNDS, University of Cincinnati.</p> <p>2- The Digestive Health Center Annual Scientific Retreat, University of Cincinnati.</p> <p>3- The 19th International Symposium of HCV and related viruses,</p> <p>4- The tropical medicine and hygiene conference</p> <p>5- The 4th international conference of the Arab society for medical research</p> <p>6- The Annual International Conference on Biology.</p> <p>7- The International Conference on Biological, Civil and Environmental Engineering (BCEE-2015).</p> <p>8- The 5th international conference of the Arab society for medical research</p>	<p>USA</p> <p>USA</p> <p>Italy</p> <p>New Orleans, Louisiana, USA</p> <p>Ain Sokhna, Egypt</p> <p>Athens, Greece.</p> <p>Bali (Indonesia)</p> <p>(Sharm Elsheikh, Egypt from).</p>	<p>(May 7, 2008)</p> <p>(March 8, 2011)</p> <p>Oct 5-9, 2012</p> <p>From 2-6 November 2014</p> <p>From 13-16 September 2014).</p> <p>, 22-25 June 2015</p> <p>Feb. 3-4, 2015</p> <p>28-31 October 2016</p>
إشراف رسائل	<p>Antitumor activity and Stimulation of immune response by Selective Bioactive products of certain types of mushrooms</p> <p>The effect of dipteran larval excretory/secretory (ES) products on Human Neutrophils</p> <p>Evaluation of antiviral activity of some medicinal plant extracts to respiratory Adeno-virus model compared to interferon.</p> <p>Antiproliferative and apoptotic effects of gold</p>	<p>PhD degree</p> <p>Master degree</p> <p>Master degree</p> <p>Master degree</p>	<p>2010</p> <p>2011</p> <p>2012</p> <p>2012</p>

	nanoparticles on human lung cancer cell line A459		
	Effect of some different products on the formation of Schistosoma mansoni granuloma in vitro	Master degree	2013
	Assessment of the effect of Burkholderia cenocepacia outer membrane protein A on human neutrophils in the presence of Th17 cell cytokines	Master degree	2013
	Effect of Date Palm Pollen (DPP) on Schistosoma mansoni immunopathology in vitro.	PhD degree	2014
انشطة اخرى (المناقشات المفتوحة)	<p>Project Participation:</p> <ul style="list-style-type: none"> • 2001-2002 Project Title "Schistosoma Vaccine Development Project" funded by USAID/MOHP/SVDP. • 2002-2007 Project Title "Evaluation of Protective, disease associated and therapeutic immunity to Hepatitis C virus infection" funded by Wellcome Trust Foundation, UK. • 2007-2008 Towards Understanding the Morbidity of HEV Infection (R21 AI067868, NIH/NIAID) • 2012-2015 Investigating the pathogenesis of human Schistosoma infection in the scope of the newly discovered T helper-17 (Th-17) cells (Funded, STDF, 1814 (US-Egypt cooperation program)), Role: PI 		
المشاركة في الانشطة الريادة الطلابية	حضور حلقات النقاش والسينارات الخاصه بالطلبه في مجالات علم الحيوان		
الانشطة المحلية و القومية و العالمية			

الاعمال المتعلقة بتعزيز / تحسين العملية التعليمية :

المشاركة في تطوير و تحديث اللوائح الدراسية	اشارك	1
المشاركة في متابعة تنفيذ خطط تحسين البرامج	عدد البرامج (1) أسماء البرامج : المناعة والطقليات	2
المشاركة في تطوير المعامل	اشارك	3
المشاركة فالتدريب الصيفي	عدد الطلاب المقدرات المستفيد	4
المشاركة في الاشراف على مشروع التخرج	عدد الطلاب (4) عدد مشروعات التخرج (4)	5
الارشاد الاكاديمي لمجموعة من الطلاب	عدد الطلاب (5)	6
المشاركة في أعمال الكنترول / الامتحانات	اشارك	7

	المشاركة فى وحدة ضمان الجودة	8
	المراجعة الخارجية بمؤسسات تعليمية أخرى	9
	أخرى – إن وجد	10