**CURRICULUM VITAE**

**PERSONAL DETAILS**

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| --- | --- |
| **Title: Dr** | **DOB:** 16/4/1971 |
| **First Name**: Reem | **Sex**: Female |
| **Surname** : Hashem Ahmed | **Nationality**: Egyptian |
| **Position**: Postdoctoral Researcher |  |
| Address: Centre for Skin Sciences  School of Life Sciences  University of Bradford  BD71DP | **Home address**: Flat 42H, Byron Halls  Byron Street  Bradford  BD3 0AR |
| Telephone no: +44 (0)1274 235 917 | **Mobile:** +44 (0)7918445550 |
| **Email**: [R.Ahmed29@bradford.ac.uk](mailto:R.Ahmed29@bradford.ac.uk) | Reem.samy@pharm.bsu.edu.eg |

**PROFFESIONAL QUALIFICATION/MEMBERSHIP**

2/02- 6/05 **PhD** in **Biochemistry**, Faculty of Pharmacy, Zagazig University, Egypt

3/98- 12/01 **MSc** in **Biochemistry**, Faculty of Pharmacy, Zagazig University, Egypt

9/88- 5/93 **B.Sc** in **Pharmaceutical Science**, Faculty of Pharmacy, Zagazig University, Egypt

Membership of the Egyptian Society of Biochemistry & Molecular Biology (ESBMB).

Membership of the Egyptian Society of Clinical Biochemistry & Molecular Biology (ESCC).

**DETAILS OF CURRENT POST**

Postdoctoral Researcher (05/2014-10/2016)

Employer’ name and address: Centre for Skin Science, School of Life Science, Bradford University

**Brief description of duties:**

* To conduct research, develop and deliver the research objectives of the project that has been agreed with the academic PI.
* To accurately record data and maintain records of research activity and progress, compile data spreadsheets, figures and reports, and perform statistical evaluation of data sets.
* To prepare SOPs and COSHH forms for all the lab procedures related to the project.
* To write up work for publication in peer-reviewed journals.
* To liaise with and build internal contacts and participate in internal networks (journal clubs, interest groups) for the exchange of information

**DETAILS OF PREVIOUS POST**

**Position:** [**Associate Professor of Biochemistry since (02/2011)**](http://www.jobs.ac.uk/jobfiles/YR540.html)

Employers’ name and address: Biochemistry Department, Faculty of Pharmacy, Beni-Sueif University.

Telephone of work: 0020822317958

Fax: 0020822317958

**Brief description of duties:**

* Teachingof Principals of Biochemistry and Molecular Biology, Metabolism of Macromolecules Nutrition and Clinical Chemistry and Biotechnology for undergraduates.
* Supervision on the practical sections of undergraduates.
* Preparation of the theoretical notebooks of different courses of the undergraduates
* Preparation of, assignments, quizzes, and theoretical exams of undergraduates.
* Supervision on practical exams and oral exams
* Head control of the level one student (collecting and announcement of results of oral, practical, assignments, and written exams)
* Academic advisor for undergraduates
* Supervision on assignments in the summer training of the undergraduates.
* External oral examiner for different Biochemistry Departments in other Universities
* Developing, designing and revision of curriculum offered based on the course specification.
* Preparation of the courses reports of each final term
* Conducting research work , writing, and interpreting the obtained results
* Publishing in peer-reviewed journals, and presenting at conferences or symposiums.
* Teaching of postgraduates (Hormones, Molecular Biology, Principles of biochemistry, Metabolism of Macromolecules, lab techniques) and preparation of theoretical exams.
* Supervision on Master and Doctorate Thesis of Postgraduates

**Position:** [**Head Department of Biochemistry since (09/2011-09/2013)**](http://www.jobs.ac.uk/jobfiles/YR540.html)

Employers’ name and address: Biochemistry Department Faculty of Pharmacy, Beni-Sueif University.

Telephone of work: 0020822317958

Fax: 0020822317958

Brief Duties related to Head of Biochemistry Department

* Planning and contributing to ongoing research program in of the Department as well as in collaboration with other Universities and supervising the master and Ph.D. degrees
* Manage all staff within the education and research job family and other staff within the Department as delegated by the Dean, including performance management, staff development and performance review reports.
* Contribution to the strategic development of the Faculty and University
* Participate actively as a member of the university community: on administrative committees, search committees, in university governance activities, and student advising.

**Position:**  [**Vice Dean of Social Affairs and Environmental Development since (10/2012 -09/2013)**](http://www.jobs.ac.uk/jobfiles/YR540.html)

**Employers’ name and address**: Faculty of Pharmacy, Beni Suef University.

**Telephone of work:** 0020822317958

**Fax:** 0020822317958

Duties related to Vice Dean of Social Affairs and Environmental Development

* Preparation of a study to determine the types of societal problems
* Develop a plan of activities during the year based on the needs of the community (Seminars, conferences and campaigns)
* Contribute to the provision of health and safety and secure work environment
* Participation in the faculty increase sources of income and financial resources through the stakeholders and the services provided by the special units.

**PREVIOUS EMPLOYMENT RECORD**

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| --- | --- | --- | --- |
| **Position held** | **Employer’s name and adderss** | **To** | **From** |
| Centre for Skin Sciences, School of Life Science, Bradford University . UK | Postdoctoral Research Assistant | 10/2016 | 05/2014 |
| Vice Dean for Social affairs and Environment Development | Beni-Sueif University | 09/2013 | 10/2012 |
| Head Department of Biochemistry | Beni-Sueif University | 09/2013 | 09/2011 |
| Associate Professor of Biochemistry | Maternity leave | 09/2014 | 09/2013 |
| Associate Professor of Biochemistry | Beni-Sueif University | 09/2013 | 02/2011 |
| Deputy of the Quality assurance unit | Beni-Sueif University | 09/2011 | 09/2010 |
| Lecturer of Biochemistry | Beni-Sueif University | 02/ 2011 | 11/ 2005 |
| Pharmacist in the pharmacy of the Dialysis unit | Zagazig Hospitals University | 11/2005 | 05/2005 |
| PhD. student (full time) | Zagazig University  Faculty of Pharmacy | 05/2005 | 03/2002 |
| MSc. Student (full time) | Zagazig University  Faculty of Pharmacy | 12/2001 | 1/1998 |
| Pharmacist in pharmacy of Gastroenterology and Diabetology Department | Zagazig Hospitals University | 09/1998 | 10/1993 |

**EDUCATION AND QUALIFICATIONS**

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| --- | --- | --- | --- | --- |
| **Qualifications** | **Institution** | **Courses/subjects** | **To** | **From** |
| FHEQ level 7  Associate Fellow of HE | School of Health studies, Bradford University. UK | Learning and Teaching in Higher Education (GTAs & P/T Tutors) | 04/  2015 | 10/  2014 |
| PhD in Biochemistry | Faculty of Pharmacy Zagazig University, Egypt | “Role of Certain New Factors in Modulation And Treatment of Hyperlipidemia Associated with Hyperglycemia in Experimental Atherosclerosis” | 05/ 2005 | 03/  2002 |
| MSc in Biochemistry | Faculty of Pharmacy Zagazig University, Egypt | 2nd part of MSc “Relation of Certain Cellular Mediators to Glycation and Oxidative Stress in Experimental Diabetes Mellitus” | 12/  2001 | 09/ 1999 |
| Prerequesting graduate courses towards the MSc degree | Faculty of Pharmacy Zagazig University, Egypt | 1st part of MSc ; Taught courses  Physical chemistry- Mathematics and Statistics- Instrumental Analysis-Special courses | 09/  1999 | 10/  1998 |
| BSc. of Pharmaceutical V. Good | Faculty of Pharmacy Zagazig University, Egypt | Physics- Zoology- Botany, English- Physiology-Anatomy-Histology- Pharmacognosy- Pharmaceutics- Biochemistry-Microbiology- Bioassay -Toxicology -Pharmacology- Chemistry (Organic - Medicinal –Analytical) Toxicology- …..others | 05/  1993 | 09/  1989 |

**WORKSHOPS FOR QUALITY ASSURANCE:**

* Course description A. 2006. Cairo Universty. Egypt.
* Course description B. 2006 Ain Shams University Guest House, Cairo, Egypt.
* Program description. 2006. Faculty of Pharmacy, Beni-Suef University.
* Accreditation and Research. July 2010. National Authority for Quality Assurance & Accreditation of Education-Egypt (NAQAAEA).

**SHORT COURSES ATTENDED**

1. Data Analysis using SPSS 2. June 1, 2015. L24 Richmond Building. Bradford University
2. Data Analysis using SPSS 1. June 1, 2015. J31 Richmond Building. Bradford University
3. Diversity in the workplace e-module.May 15, 2015. Bradford University
4. Winning Grant Funding. April 21, 2015. D3 Richmond Building, Bradford University
5. Research Ethics Approval Process. Nov 5, 2014. C7, Richmond Building, Bradford University
6. HTA (Human Tissue Authority). Nov 11, 2014. Richmond Building, Bradford University
7. Laser Safety Training course. November 12, 2014. Phoenix SA0.08, Bradford University
8. Curriculum Design. November 28-30; 2006. Beni-Suef University
9. University Law and Regulation. November 21-23; 2006. Beni-Suef University
10. Scientific Research Management. November 14-16; 2006. Beni-Suef University
11. Organization of meeting and conferences. October 4-6; 2010. Zagazig university
12. Communication skills. October 11-13; 2010. Zagazig university
13. International and local competing research projects. October14-16;2010.Zagazig university
14. Credit hours. October 21-23 ;2010 Beni-Suef University

**SCIENTIFIC ACTIVITIES**

* Reviewer for

1. FEBS Journal
2. Cytokine
3. Molecular Biology Reports
4. Journal of  Physiology and Pathophysiology
5. Medicine and Medical Sciences

**PUBLICATIONS**

Reem Hashem Ahmed, Sonia Manaf, Haleema Sajid, Asram Munir, Stephen K. Sikkink, Rachael Sedman- Sutherland, David A, Desmond J. Tobin. Fenton. Evidence for alopecia areata and celiac disease cross-reactive epitopes expressed by anagen hair follicle inner root sheath - implications for alopecia areata autoantigen(s) discovery. 9th World Congress for Hair Research November 18-21, 2015

Hashem RM, Hassanin KM, Rashed LA, Mahmoud MO, Hassan MG. [Effect of silibinin and vitamin E on the ASK1-p38 MAPK pathway in D-galactosamine/lipopolysaccharide induced hepatotoxicity.](http://www.ncbi.nlm.nih.gov/pubmed/26941058)

Exp Biol Med (Maywood). 2016 Jun;241(11):1250-7

Hashem RM\*, Mohamed RH, Abo-El-matty DM, [Soliman](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Soliman%20HM%22%5BAuthor%5D) HM. Effect of curcumin on TNFR2 and TRAF2 in unilateral ureteral obstruction in rats. Nutrition. 2016 Apr;32(4):478-85.

Hussein RM, Hashem RM, Rashed LA. Evaluation of the amyloid beta-GFP fusion protein as a model of amyloid beta peptides-mediated aggregation: A study of DNAJB6 chaperone. Front Mol Neurosci. 2015 Jul 27;8:40. doi: 10.3389/fnmol.2015.00040

Hashem RM.\*, Rashd LA, Hashem KS, Soliman HM. Cerium oxide nanoparticles alleviate oxidative stress and decreases Nrf-2/HO-1 in D-GALN/LPS induced hepatotoxicity. Biomedicine & Pharmacotherapy, Volume 73, July 2015, Pages 80-86

Månsson C, Arosio P, Hussein R, Kampinga HH, Hashem RM, Boelens WC, Dobson CM, Knowles TP, Linse S, Emanuelsson C. [Interaction of the molecular chaperone DNAJB6 with growing amyloid-beta 42 (Aβ42) aggregates leads to sub-stoichiometric inhibition of amyloid formation.](http://www.ncbi.nlm.nih.gov/pubmed/25217638) J Biol Chem. 2014 Nov 7;289(45):31066-76.

Motawi TK, Hamed MA, Hashem RM, Shabana MH, Ahmed YR. [Protective and therapeutic effects of Argyreia speciosa against ethanol-induced gastric ulcer in rats.](http://www.ncbi.nlm.nih.gov/pubmed/22486041) Z Naturforsch C. 2012 Jan-Feb;67(1-2):47-57.

Rashed LA, Hashem RM\*, Soliman HM. [Oxytocin inhibits NADPH oxidase and P38 MAPK in cisplatin-induced nephrotoxicity.](http://www.ncbi.nlm.nih.gov/pubmed/21993003) Biomed Pharmacother. 2011 Oct;65(7):474-80.

Motawi TK, Hamed MA, Shabana MH, Hashem RM, Aboul Naser AF. [Zingiber officinale acts as a nutraceutical agent against liver fibrosis.](http://www.ncbi.nlm.nih.gov/pubmed/21689445) Nutr Metab (Lond). 2011 Jun 20;8:40.

Abd El-Aziz TA, Mohamed RH, Hashem RM. [Association of lipoprotein lipase and apolipoprotein C-III genes polymorphism with acute myocardial infarction in diabetic patients.](http://www.ncbi.nlm.nih.gov/pubmed/21499891) Mol Cell Biochem. 2011 Aug;354(1-2):141-50.

Motawei TM, Hashem RM\*, Rashed LA, EL-Razek SM. Comparative study between the effect of the PPAR-α ligands, fenofibrate and n-3 PUFA on activation of AMPK-α 1 in high fat fed rats. J Pharm Pharmacol. 2009 Oct;61(10):1339-46

Hashem RM\*, MahmoudMF, EL-Moselhy MA, SolimanHM. Interleukin-10 to tumor necrosis factor-alpha ratio is a predictive biomarker in nonalcoholic fatty liver disease: interleukin-10 to tumor necrosis factor-alpha ratio in steatohepatitis. Eur J Gastroenterol Hepatol. 2008 Oct;20(10):995-1001.

[El-Seweidy MM, Hashem RM\*, Abo-El-matty DM, Mohamed RH.](http://www.ncbi.nlm.nih.gov/pubmed/18718129?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Frequent inadequate supply of micronutrients in fast food induces oxidative stress and inflammation in testicular tissues of weanling rats. J Pharm Pharmacol. 2008 Sep;60(9):1237-42.

Hashem RM\*, Soliman HM, Shaapan SF. Turmeric based diet can delay apoptosis without modulating NF-kB in unilateral ureteral obstruction in rats. J Pharm Pharmacol. 2008 Jan;60(1):83-9.

[El Seweidy MM, El-Swefy SE, Abdallah FR, Hashem RM.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16259780&query_hl=1&itool=pubmed_docsum) Dietary fatty acid unsaturation levels, lipoprotein oxidation and circulating chemokine in experimentally induced atherosclerotic rats. J Pharm Pharmacol. 2005 Nov;57(11):1467-74.

[El Seweidy MM, El-Swefy SE, Ameen RS, Hashem RM.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16259780&query_hl=1&itool=pubmed_docsum) Effect of AGE receptor and/or anti-inflammatory co-administration in relation to glycation, oxidative stress and cytokine production in STZ diabetic rats. Pharmacol Res. 2002 May;45(5):391-8

Laila A. Rashed, Reem M. Hashem\*

Oxytocin inhibits NADPH oxidase and P38 MAPK in cisplatin-induced nephrotoxicity

Accepted for publication in Arab J of Lab Med (2012).

Reem M. S. M. Hashem\*, Rasha H. Mohamed

Curcumin Inhibits Caspase-8 gene Expression via Induction of c-FlIP-L in UUO in Rats

Accepted for publication in Arab J of Lab Med (2012).

Ghattas MH, Abo-ElMatty DM, Hashem RM

Obesity increases transcription of heme oxygenase-1 gene and synergistically stimulates angiogenesis with vascular endothelial growth factor and plasminogen activator inhibitor-1 in rats.

Arab J of Lab Med (2007), Vol 33 No. 3: 423-431

[El-seweidy MM, El-Swefy SE, Abdallah FR, Hashem RM.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=12123627&query_hl=1&itool=pubmed_docsum)

Comparative Study For The Effect Of ACE Inhibitor And Angiotensin II Type 1 Receptor Blocker On Atheroma Induced In Alloxan Diabetic Rats.

Cardiovascular Diseases J. 2005 July;20-31