***Curriculum Vitae***

**Dr Samah Ali Jassam**

***Mustansiriyah University – College of pharmacy***

***Mobile****: +9647730027883*

***Email****: s.a.jassam@gmail.com*

 **Personal Summary:**

My research interest lays in the field of Human cancer genetics. I had studied the chromosomal aberration in chronic myeloid leukaemia patient’s, and its correlation to the major histocompatibility antigens class II during my diploma and MSc degrees.

Also, I worked on the genetics and molecular bases of the Lewis-x and Sialyl Lewis-x extracellular glycans and their impact on lung tumour cell metastasis to the brain. This was during my PhD project in Neuro-Oncology department/School of Pharmacy and Biomedical Sciences/University of Portsmouth.

Recently, I am part of teaching staff of Collage of Pharmacy/ Al-Mustansiriya University Baghdad- Iraq.

As a lecturer, I am teaching Human Biology and Practical Pathophysiology. In lab research, I am working with a group of bright scientists, on establishment of advanced tissue culture room. We made a good communication with many teaching hospitals in Baghdad, in order to obtain fresh biopsies for cell lines establishment.

My further research plans are to build on the results of my PhD research to include other types of metastases also to probe the involved gene regulation.

 **Education:**

|  |
| --- |
| **April 2016: Ph.D.:** PhD degree in Pharmaceutical and Biomedical Sciences, Cancer Genetics from Neuro-Oncology Research group, School of Pharmacy and Biomedical Sciences, University of Portsmouth, UK.**Research:** Role of CD15 and CD15s in the cellular mechanisms of cancer metastasis from lung to the brain. |
| **December 2008: M.Sc**.: Master degree in Genetic Engineering and Biotechnology, Genetic Engineering and Biotechnology Institute for Post Graduate Studies, Baghdad University. Baghdad- Iraq. **Research:** Estimation of Chromosomal aberrations and Immunogenic Markers Association in some Iraqi patients with chronic Myeloid Leukaemia.**December 2006: High Diploma** degree in Biotechnology and Genetic Engineering, Genetic Engineering and Biotechnology Institute for Post Graduate Studies, Baghdad University. Baghdad-Iraq.

|  |
| --- |
|  |

 |

**June 2001 B.Sc.** degree in Microbiology (Hons), Collage of Sciences, Al-Mustansiriya University Baghdad- Iraq.

 **ACADEMIC HONORS AND AWARDS:**

* 2016, Appreciation certificate from the dean of Pharmacy collage, Al-Mustansiriya University, Baghdad- Iraq.
* 2016, Appreciation certificate from the head of Al-Mustansiriya University, Baghdad- Iraq.
* 2015, Appreciation certificate from the IBBC, London. UK.
* 2014, Appreciation certificate from the Iraqi Cultural Attaché for Poster presentation, University of Plymouth. UK.
* 2010, Appreciation certificate from the dean of Medical School of Al-Mustansiriya University, Baghdad-Iraq.
* 2010, Appreciation certificate from the dean of Pharmacy collage, Al-Mustansiriya University, Baghdad- Iraq.
* 2009, Appreciation certificate from the dean of Pharmacy collage, Baghdad University, Baghdad- Iraq.
* 2009, Appreciation certificate from college of science, Baghdad University, Baghdad-Iraq.
* 2008, Appreciation certificate from the head of Baghdad University, Baghdad- Iraq.
* 2008, Appreciation certificate from the head of Al-Mustansiriya University, Baghdad- Iraq.
* 2004, Appreciation certificate from the head of The National Centre of Hematology, Baghdad- Iraq.

**ACADEMIC /TEACHING EXPERIENCE:**

|  |
| --- |
| * GPROF, Graduate school, University of Portsmouth, UK.
 |

* Teaching methods in higher education course in teaching in higher education foundations, Al-Mustansiriya University Baghdad.
* MRSB: Member of the Royal Society of Biology-UK.

**COURSES TAUGHT:**

|  |  |
| --- | --- |
| **Undergraduate** | **Graduate** |
| Human biology (theoretical)  | Principles of scientific research  |
| Pathophysiology (practical)  |  |

**PROFESSIONAL AFFILIATIONS:**

* Member of Royal Society of Biology (MRSB), UK
* Member of British Neuro-Oncology Society (BNOS), UK
* Member of Iraqi Society of Biotechnology, Iraq
* Member of Biochemical Society, UK

**PUBLICATIONS:**

1. ***Abstracts***

1-CD15 and E-selectin mediation of adhesion of non-small cell lung cancer cells to

 brain endothelium in lung-brain metastasis.

Authors: Geoffrey J Pilkington, Samah A Jassam, Zaynah Maherally, James Smith and

 Helen L Fillmore Journal: *Neuro-Oncology*.16:v32–v40, 2014.doi:10.1093/neuonc/nou240

2-An all human 3D in vitro model of the blood brain barrier in nanoparticle delivery and cancer metastasis studies.

Authors: Pilkington GJ, Maherally Z, Jassam SA, Barbu E and Fillmore HL.

Journal: *Anticancer Research*. 34(10):p5971.2014.

3-CD15 and E-selectin mediation of adhesion of non-small cell lung cancer cells to

 brain endothelium.

Authors: Jassam SA, Maherally Z, Smith JR, Ashkan K, Fillmore HL and Pilkington GJ

Journal: *Anticancer Research*. 34(10):p5971.2014.

4-Expression of CD15 and CD15s is correlated with glioma cell arrest at G1-phase.

Authors: Samah A. Jassam, Zaynah Maherally, Paraskevi Charta, Keyoumars Ashkan,

 Helen L. Fillmore and Geoffrey J. Pilkington

Journal: Neuro-Oncology17:viii1–viii15, 2015.doi:10.1093/neuonc/nov284.52

5-Heterophilc interaction of CD62E and CD15 mediates adhesion of metastatic non-small cell lung cancer cells to brain endothelium.

Authors: Jassam SA, Maherally Z, Smith JR, Ashkan K, Filmore HL and Pilkington GJ.

Journal: *Neuro-Oncology*.17:viii1-viii15,2015. doi:10.1093/neuonc/nov284.50

1. ***Published papers***
2. Estimation of Chromosomal Aberrations and Immunogenetic Marker Association in some Iraqi Patients with Chronic Myeloid Leukaemia (CML).

Journal: Iraqi Journal of Science, April.2008.

1. Statistical and Cytogenetic study of Chronic Myeloid Leukaemia Patients in Iraq.

 Journal: Iraqi Journal of Biotechnology, January.2008.

1. TNF-α enhasment of CD62E mediates adhesion of non-small cell lung cancer cells to brain endothelium via CD15 in lung-brain metastasis.

Authors: Jassam SA, Maherally Z, Smith JR, Ashkan K, Roncaroli F, Fillmore HL and

 Pilkington GJ.

Journal: *Neuro-Oncology*, 2015; 0, 1–12, doi:10.1093/neuonc/nov248

1. Expression of CD15 and CD15s is correlated with cell cycle arrest at G1 phase in primary and metastatic brain tumour cells.

Authors: Samah A. Jassam,Zaynah Maherally, Paraskevi Chairta, Helen L. Fillmore and Geoffrey J. Pilkington.

Journal: *PlusOne*, 2015; 0, 1–12, doi:10.1093/neuonc/nov248

**PROFESSIONAL DEVELOPMENT**

* 13th -16th November 2014. SNO, 19th Annual Scientific Meeting and Education Day of the Society for Neuro- Oncology, Miami, Florida. (Poster presentation)
* 21st November 2014. Early Career UK and Ireland BBB Symposium, UCL, London. (Oral and poster presentation)
* 9th -10th September 2014, Metastatic Disease Meeting, Oxford Institute for Radiation, Department of Oncology, University of Oxford, United Kingdom. (Oral and Poster Presentation)
* 27th August 2014, Oxford Institute for Radiation group and Neuro-oncology group meeting, Department of Neuro-oncology, University of Portsmouth, United Kingdom. (Oral Presentation)
* 16th May 2014, Postgraduate Research Day Conference, Institute of Biomedical and Biomolecular Sciences (IBBS), University of Portsmouth, United Kingdom. (Oral Presentation)
* 2nd April 2014, University of Portsmouth Research Conference, University of Portsmouth, UK. (attendance)
* 18th March 2014, blood brain barrier and metastasis group meeting, School of Pharmacy and biomedical Sciences, University of Portsmouth, UK. (Oral Presentation)
* 1st March 2014, Iraqi Postgraduate Research Day, University of Plymouth, UK (Poster Presentation)
* 10th February 2014, Cancer research group and Neuro-oncology group meeting, University of Portsmouth, UK. (Oral Presentation)
* 7th June 2013, Postgraduate Research Day Conference, Institute of Biomedical and Biomolecular Sciences (IBBS), University of Portsmouth, UK. (Poster Presentation).
* 24th - 28th April 2013, Modern Approaches to Research & Treatment of Cancer, International Summer School-ISS, Piran, Slovenia. (Oral Presentation)
* 4th Oct 2012, Research Student conference, University of Portsmouth, UK. (attendance)
* 9th July 2012, LC480 Demo training workshop, School of Pharmacy and Biomedical Sciences, Portsmouth university, UK. (attendance)
* 27th -29th June2012, Scientific Annual Meeting of British Neuro-Oncology Society (BNOS-2012), Manchester, UK. (attendance)
* 27th June 2012, 1st year PhD student conference, Faculty of Science, Portsmouth university, United Kingdom. (Poster presentation)
* 13-14th June 2012, IncuCyte User Group Meeting, Essen Bioscience Ltd ,Biopark, Welwyn Garden City, Hertfordshire, United Kingdom. (attendance)
* 11th May2012, IBBS day Institute of Biomedical and Bimolecular Science, University of Portsmouth, United Kingdom. (attendance)
* 25-26th January 2012, Learning Technology Exhibition and Learning Skills exhibition, Olympia2, London-United Kingdom. (attendance)
* March 2009, 3rd scientific conference, Collage of Science, Baghdad University, Baghdad-Iraq. (Oral presentation) .
* 2010 Scientific conference of Medical School of Al-Mustansiriya University, Baghdad-Iraq. (poster presentation)
* November 2009, 2nd scientific conference of Institute of Genetic Engineering and Biotechnology for post graduate studies, Baghdad University, Baghdad-Iraq, (attendance).

***السيرة الذاتية***

**م.د سمـــاح علي جســـــام**

***الجامعة المستنصرية – كلية الصيدلة***

***Mobile****: +9647730027883*

***Email****:* *s.a.jassam@gmail.com*

**الشهادات الدراسية:**

* Ph.D. : شهادة الدكتوراه في العلوم الصيدلانية والطبية المساندة (التخصص العام PhD PhBM sciences ) في التخصص الدقيق (وراثة السرطان والعلاج الجيني). من كلية الصيدلة والعلوم الطبية . جامعة بورتسموث. المملكة المتحدة. 2016.
* M.Sc: شهادة الماجستير في الهندسة الواثية والتقنيات الاحيائية (التخصص العام) في التخصص الدقيق (وراثة السرطان المناعية). معهد الهندسة الوراثية والتقنيات الاحيائية. جامعة بغداد. العراق. 2008.
* الدبلوم العالي: شهادة الدبلوم العالي في الهندسة الوراثية والتقنيات الاحيائية(التخصص العام) في التخصص الدقيق (وراثة السرطان). معهد الهندسة الوراثية والتقنيات الاحيائية. جامعة بغداد. العراق. 2006.
* B.Sc.: شهادة البكلوريوس في علوم الحياة المجهرية. كلية العلوم . الجامعة المستنصرية. بغداد.العراق 2003.

الجوائز والتكريم الأكاديمي

* شكر وتقدير من السيد عميد كلية الصيدلة- الجامعة المستنصرية 2016
* شكر وتقدير من السيد رئيس الجامعة المستنصرية 2016
* شكر وتقدير من مجلس التجارة العراقية البريطانية IBBC . لندن 2015
* شكر وتقدير من الملحقية الثقافية العراقية في لندن 2014
* شكر وتقدير من السيد رئيس الجامعة المستنصرية 2010
* شكر وتقدير من السيد عميد كلية الطب الجامعة المستنصرية 2010
* شكر وتقدير من السيد عميد كلية الصيدلة الجامعة المستنصرية 2009
* شكر وتقدير من السيد عميد كلية العلوم جامعة بغداد 2009
* شكر وتقدير من السيد عميد كلية الطب الجامعة المستنصرية 2010

الخبرة الأكاديمية والتدريس:

* شهادة كفاءة في التدريس الجامعي- جامعة بورتسموث-المملكة المتحدة 2014.
* شهادة مهنية من الجمعية الملكية لعلوم الحياة-المملكة المتحدة 2014.
* شهادة طرائق التدريس الجامعي-الجامعة المستنصرية- بغداد العراق-2009.

**المقررات الدراسية التي تم تدريسها:**

|  |  |
| --- | --- |
| **الدراسات الأولية** | **الدراسات العلي** |
| Human biology (theoretical)  | Principles of scientific research  |
| Pathophysiology (practical)  |  |

**الأنتساب المهني او الجمعيات:**

* Member of Royal Society of Biology (MRSB), UK
* Member of British Neuro-Oncology Society (BNOS), UK
* Member of Iraqi Society of Biotechnology, Iraq
* Member of Biochemical Society, UK

**المنشورات العلمية**

1. ***Abstracts***

1-CD15 and E-selectin mediation of adhesion of non-small cell lung cancer cells to

 brain endothelium in lung-brain metastasis.

Authors: Geoffrey J Pilkington, Samah A Jassam, Zaynah Maherally, James Smith and

 Helen L Fillmore

 Journal: *Neuro-Oncology*.16:v32–v40, 2014.doi:10.1093/neuonc/nou240

2-An all human 3D in vitro model of the blood brain barrier in nanoparticle delivery and cancer metastasis studies.

Authors: Pilkington GJ, Maherally Z, Jassam SA, Barbu E and Fillmore HL.

Journal: *Anticancer Research*. 34(10):p5971.2014.

3-CD15 and E-selectin mediation of adhesion of non-small cell lung cancer cells to

 brain endothelium.

Authors: Jassam SA, Maherally Z, Smith JR, Ashkan K, Fillmore HL and Pilkington GJ

Journal: *Anticancer Research*. 34(10):p5971.2014.

4-Expression of CD15 and CD15s is correlated with glioma cell arrest at G1-phase.

Authors: Samah A. Jassam, Zaynah Maherally, Paraskevi Charta, Keyoumars Ashkan,

 Helen L. Fillmore and Geoffrey J. Pilkington

Journal: Neuro-Oncology17:viii1–viii15, 2015.doi:10.1093/neuonc/nov284.52

5-Heterophilc interaction of CD62E and CD15 mediates adhesion of metastatic non-small cell lung cancer cells to brain endothelium.

Authors: Jassam SA, Maherally Z, Smith JR, Ashkan K, Filmore HL and Pilkington GJ.

Journal: *Neuro-Oncology*.17:viii1-viii15,2015. doi:10.1093/neuonc/nov284.50

1. ***Published papers***
2. Estimation of Chromosomal Aberrations and Immunogenetic Marker Association in some Iraqi Patients with Chronic Myeloid Leukaemia (CML).

Journal: Iraqi Journal of Science, April.2008.

1. Statistical and Cytogenetic study of Chronic Myeloid Leukaemia Patients in Iraq.

 Journal: Iraqi Journal of Biotechnology, January.2008.

1. TNF-α enhasment of CD62E mediates adhesion of non-small cell lung cancer cells to brain endothelium via CD15 in lung-brain metastasis.

Authors: Jassam SA, Maherally Z, Smith JR, Ashkan K, Roncaroli F, Fillmore HL and

 Pilkington GJ.

Journal: *Neuro-Oncology*, 2015; 0, 1–12, doi:10.1093/neuonc/nov248

1. Expression of CD15 and CD15s is correlated with cell cycle arrest at G1 phase in primary and metastatic brain tumour cells.

Authors: Samah A. Jassam,Zaynah Maherally, Paraskevi Chairta, Helen L. Fillmore and Geoffrey J. Pilkington.

Journal: *PlusOne*, 2015; 0, 1–12, doi:10.1093/neuonc/nov248

* **تطوير المهارات:**
* 13th -16th November 2014. SNO, 19th Annual Scientific Meeting and Education Day of the Society for Neuro- Oncology, Miami, Florida. (Poster presentation)
* 21st November 2014. Early Career UK and Ireland BBB Symposium, UCL, London. (Oral and poster presentation)
* 9th -10th September 2014, Metastatic Disease Meeting, Oxford Institute for Radiation, Department of Oncology, University of Oxford, United Kingdom. (Oral and Poster Presentation)
* 27th August 2014, Oxford Institute for Radiation group and Neuro-oncology group meeting, Department of Neuro-oncology, University of Portsmouth, United Kingdom. (Oral Presentation)
* 16th May 2014, Postgraduate Research Day Conference, Institute of Biomedical and Biomolecular Sciences (IBBS), University of Portsmouth, United Kingdom. (Oral Presentation)
* 2nd April 2014, University of Portsmouth Research Conference, University of Portsmouth, UK. (attendance)
* 18th March 2014, blood brain barrier and metastasis group meeting, School of Pharmacy and biomedical Sciences, University of Portsmouth, UK. (Oral Presentation)
* 1st March 2014, Iraqi Postgraduate Research Day, University of Plymouth, UK (Poster Presentation)
* 10th February 2014, Cancer research group and Neuro-oncology group meeting, University of Portsmouth, UK. (Oral Presentation)
* 7th June 2013, Postgraduate Research Day Conference, Institute of Biomedical and Biomolecular Sciences (IBBS), University of Portsmouth, UK. (Poster Presentation).
* 24th - 28th April 2013, Modern Approaches to Research & Treatment of Cancer, International Summer School-ISS, Piran, Slovenia. (Oral Presentation)
* 4th Oct 2012, Research Student conference, University of Portsmouth, UK. (attendance)
* 9th July 2012, LC480 Demo training workshop, School of Pharmacy and Biomedical Sciences, Portsmouth university, UK. (attendance)
* 27th -29th June2012, Scientific Annual Meeting of British Neuro-Oncology Society (BNOS-2012), Manchester, UK. (attendance)
* 27th June 2012, 1st year PhD student conference, Faculty of Science, Portsmouth university, United Kingdom. (Poster presentation)
* 13-14th June 2012, IncuCyte User Group Meeting, Essen Bioscience Ltd ,Biopark, Welwyn Garden City, Hertfordshire, United Kingdom. (attendance)
* 11th May2012, IBBS day Institute of Biomedical and Bimolecular Science, University of Portsmouth, United Kingdom. (attendance)
* 25-26th January 2012, Learning Technology Exhibition and Learning Skills exhibition, Olympia2, London-United Kingdom. (attendance)