### **Dr. Dalal Hazam Alotaibi**

**OBJECTIVE:**

To improve my knowledge and proficiency which will lead to a better quality of the treatment provided to my patient and the level knowledge passed to my students.

**PERSONAL INFORMATION:**

Nationality: Saudi.

Languages: Arabic and English.

Occupation: Assistant professor in dental school at King Saud University

**Education:**

**2010-2014**

Doctor of Philosophy (PhD)

The University of Sheffield, School of Clinical Dentistry

Dissertation title (Aligned polymer scaffolds in periodontal tissue engineering).

**2003-2006**

Master of Science in Dentistry, Certificate in Periodontology

King Saud University, College of Dentistry

Thesis title (Assessment of lipid profile among type 2 diabetic and non-diabetic periodontal patients)

**1993-1998**

Bachelor of Dental Surgery (B.D.S.) (2nd Honor)

King Saud University, College of Dentistry

**Honours and awards:**

**11/2013**

Honoured by His Royal Highness Prince Mohammed bin Nawaf bin Abdul Aziz, Saudi ambassador to the United Kingdom

**2010**

2nd prize of the best scientific written paper in the International Saudi student Conference in UK.

**1999**

Second Honour Degree, School of Dentistry, King Saud University.

**Experiences:**

## 2012 - 2013

Worked in collaboration with other students in UK to establish the Saudi student society in UK, setting up the guidelines, visions, and goals.

**2010-2013**

Worked with western bank cancer charity to raise money for cancer patient. In addition, I gain experience from helping in arranging different events for charity.

## 2010-2013

Worked as a demonstrator with undergraduate students in the clinic and the lab in The University of Sheffield. This combined with my previous experience to teaching in KSU broaden my view to variable teaching methods and approaches.

## 2005-2010

Worked as a staff-teaching undergraduate in KSU which strengthen my skills in dealing with students and delivering the information while working so close with them either at theoretical or clinical level.

**2005-2010**

Worked in private dental clinic as a periodontist.

**Clinical skills**

I have a great experience in managing all cases with periodontal disease. This include all phases of periodontal treatment from basic scaling and root planing to the most advance treatment approaches such as bone grafting and guided tissue regeneration.

**Lab technical skills:**

During my PhD studying, I came across many laboratory techniques that I master including:

* Tissue harvesting from different sources such as rats and porcine.
* Cell culturing technique.
* Different histological method to process samples such as paraffin embedding and frozen sections.
* Experience in using loading machine (flex-cell loading machine)
* Manual and automated RNA, and protein extraction, purification, and quantification.
* Real-time polymerase chain reaction (qPCR) and end-point PCR.
* cDNA preparation from mRNA
* Western blotting (WB).
* Antibody-based immunohistochemistry (IHC).
* Light and fluorescent microscopy.

**General skills:**

* Writing proposals and scientific writing of papers and manuals.
* Planning laboratory projects and researches.
* Writing lab test manuals.
* Proficient in most Microsoft applications such as Word, Excel, and PowerPoint.
* Skilful in referencing programs such as endnote and mandaeley.
* Experienced in most of the statistical packages including SPSS and graph prism.
* Poster and oral presentations.
* BSc and MSc students training.
* Excellent communication skills and outstanding teamwork capabilities.

**Attended workshops, seminars, and conferences:**

1. **UK society for biomaterial-1 July 2010- Glasgow**

Poster title:**Electrospun poly-L-lactic acid aligned scaffolds for periodontal ligament regeneration, mimicking native tissue**

1. **TERMIS: tissue engineering international and regenerative medicine society-2010**

Poster title:Electrospun poly-l-lactic acid aligned scaffolds for periodontal ligament regeneration

1. **Biomaterials and tissue engineering group-2010**

Poster title:Electrospun poly-l-lactic acid aligned scaffolds for periodontal ligament regeneration, mimicking native tissue

1. **British society of periodontology-2011 Belfast- UK**

Poster title:Natural and synthetic aligned fibre matrices as potential scaffolds for periodontal tissue engineering

1. **The school of dentistry scientific day: the university of Sheffield-2011**

Poster title: Cells and scaffolds for periodontal tissue engineering

1. **British society for oral cancer and dental research-2011- sheffield**

Poster title:Electrospun poly-l-lactic acid aligned scaffolds for periodontal ligament regeneration

1. **TERMIS: tissue engineering international and regenerative medicine society-2011- Spain**

Poster title:Aligned fibre matrices as potential scaffolds for periodontal tissue engineering

1. **SIC 2011: Saudi international conference-2011**

Oral presentation: Cells and scaffolds for periodontal tissue engineering

1. **TERMIS: tissue engineering international and regenerative medicine society- Sep 4th-6th, 2012- Geneva**

Poster title: **Potential Role for Aligned Fibre Scaffolds in Periodontal Tissue Engineering,**

1. **6th Saudi International Conference [London, UK. October 11th-14th, 2012].**
2. **Biomaterials & Tissue Engineering Group, 14th Annual White Rose Work in Progress Meeting** 17th December 2012 York

Oral presentation in title of: Aligned Fibre Scaffolds in Periodontal Tissue Engineering

1. **BSODR held in 8-10 Sep 2013 at Bath-UK**

Oral presentation in the title of “Aligned polymer Scaffolds in Periodontal Tissue Engineering”

1. **British Society for Matrix Biology, Cardiff, UK, September 2013**

Poster presentation:  Fibre alignment influences the biological response of human periodontal ligament fibroblasts in a tissue-engineered model of the periodontal ligament.

1. **7th Saudi International Conference [Edinburgh, UK. Feb 1st-2nd, 2014].**

Poster title: Aligned Fibre Scaffolds in Periodontal Tissue Engineering

**Published abstracts:**

* Alotaibi D, Legerlotz K, Jones E, Riley G, Griffiths G, Hatton PV & Crawford A (2014) Fibre alignment influences the biological response of human periodontal ligament fibroblasts in a tissue-engineered model of the periodontal ligament. INTERNATIONAL JOURNAL OF EXPERIMENTAL PATHOLOGY, Vol. 95(3) (pp A3-A3)
* Alotaibi D, Crawford A, Griffiths G & Hatton P (2012) Potential role for aligned fibre scaffolds in periodontal tissue engineering. JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, Vol. 6 (pp 3-3)

**References:**

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