



CURRICULUM VITAE

Name: Thafar Khazual Daham Almela

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Educational achievements

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| 1999-2004 | BDS University of Mosul/ Iraq |
| 2009-2011 | MSc Oral Surgery/ University of Mosul /Iraq
Scope of research: Grafting and dental implant. |
| 2014-2018 | PhD , Academic Unit of Oral and Maxillofacial Surgery and Medicine,
University of Sheffield.
Scope of research: Oral tissue engineering. |

Previous Position

- Assistant lecturer 2011- 2019
Department of oral surgery, Mosul university, Iraq
- General dental practitioner 2005-2011
Department of oral surgery, Mosul university, Iraq

Membership of learned societies

Member of the International Association of Dental Research (IADR)

Member of the American Association of Dental Research (AADR)

Member of the British Society for Dental Research (BSDR)



PUBLICATIONS AND CONFERENCE ABSTRACTS

Publications

Book chapter

- **Almela, T.**, Brook, I. M. & Moharamzadeh, K. Bone Tissue Engineering in Maxillofacial Region. In: Tayebi, L. & Moharamzadeh, K. 2017. Biomaterials for oral and dental tissue engineering: Oxford: Woodhead Publishing, 2017.

Peer-reviewed journal papers

1. **Almela, T.**, Brook, I. M. & Moharamzadeh, K. 2016. Development of three-dimensional tissue engineered bone–oral mucosal composite models. *Journal of Materials Science: Materials in Medicine*, 27 (4), pp 65.
2. **Almela, T.**, Brook, I. M. & Moharamzadeh, K. 2016. The significance of cell–related challenges in the clinical application of tissue engineering. *Journal of Biomedical Materials Research Part A*. 104 (12), pp 3157-3163.
3. **Almela, T.**, Brook, I. M., Khoshroo, K., Rasoulianboroujeni, M., Fahimipour, F., Tahriri, M., Dashtimoghadam, E., El-Awa, A., Tayebi, L. & Moharamzadeh, K. 2017. Simulation of cortico–cancellous bone structure by 3D printing of bilayer calcium phosphate–based scaffolds. *Bioprinting*, 6, pp 1-7.
4. **Almela, T.**, Al-Sahaf, S., Bolt, R., Brook, I. & Moharamzadeh, K. 2017. Characterisation of multi–layered tissue engineered human alveolar bone and gingival mucosa. *Tissue Engineering Part C: Methods*, 24 (2), pp 99-107.
5. **Almela, T.**, Al-Sahaf, S., Brook, I. M., Khoshroo, K., Rasoulianboroujeni, M., Fahimipour, F., Tahriri, M., Dashtimoghadam, E., Bolt, R., Tayebi, L. & Moharamzadeh, K. 2018. 3D

printed tissue engineered model for bone invasion of oral cancer. *Tissue and Cell*, 52, pp 71-77.

6. Tayebi, L., Rasoulianboroujeni, M., Moharamzadeh, K., **Almela, T. K. D.**, Cui, Z. & Ye, H. 2018. 3D-printed membrane for guided tissue regeneration. *Materials Science and Engineering: C*, 84, pp 148-158.

Conference abstracts

1. **Almela T**, Brook, IM and Moharamzadeh K. Development of three-dimensional models of bone and oral mucosa. British Society for Oral and Dental Research (BSODR) Annual Meeting. Cardiff, UK, September 2015. The poster won the commendation (2nd place) for Unilever Poster Prize.
2. Moharamzadeh K, **Almela T**, Tayebi L, Brook IM. Advanced Tissue-Engineered Models of Complex Human Oral Tissues. American Association of Dental Research (AADR). Los Angeles, California, USA, March 2016.
3. Tayebi L, **Almela T**, Moharamzadeh K, Jazayeri H, Rasoulianboroujeni M, Dashtimoghdam E, Bures M. An Evaluation of a PCL/Halloysite Scaffold for Maxillofacial Tissue Regeneration. American Association of Dental Research (AADR). Los Angeles, California, USA, March 2016.
4. Bures M, Tayebi L, **Almela T**, Moharamzadeh K, Jazayeri H, Rasoulianboroujeni M, Dashtimoghdam E. Halloysite Improves Properties of 3D-Printed PLA Scaffolds for Tissue Engineering. American Association of Dental Research (AADR). Los Angeles, California, USA, March 2016.
5. Tayebi L, Moharamzadeh K, **Almela T**, Cui Z, and Ye C. Design criteria and production process of 3D-printed scaffolds for application in tissue engineering of full-thickness oral mucosa. The 3rd BIRAX Regenerative Medicine Conference, Oxford, April 2016.
6. Khoshroo K, **Almela T**, Tahriri M, Fahimipour F, Metalwala Z, Moharamzadeh K, Tayebi L. 3D-printing of porous calcium phosphate cements for bone tissue engineering. Academy of Dental Materials Conference, Chicago, October 2016.

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7. **Almela T**, Brook IM, Khoshroo K, Rasoulianboroujeni M, Fahimipour F, Tahriri M, Dashtimoghdam E, Tayebi L, Moharamzadeh K. 3D-printed Bilayer Cortico-cancellous Calcium Phosphate Cement-based Bone Scaffold. American Association of Dental Research (AADR). San Francisco, California., USA, March 2017.
 8. **Almela T**, Brook IM, Tayebi L, Moharamzadeh K. 3D-Printed Bone Scaffold in a Tissue Engineered Human Osteo-Mucosal Model. British Society for Oral and Dental Research (BSODR) Annual Meeting. Plymouth, UK, September 2017.
 9. Binaljadm T, Moorehead R, **Almela T**, Franklin K, Tayebi L, Moharamzadeh K. Biomodification of Class-V Restorative Material by Incorporation of Bioactive Agents. International Association of Dental Research (IADR) General Session & Exhibition. London, UK, 2018.
 10. Shaikh Z, Franklin K, **Almela T**, Tayebi L, Moharamzadeh K. Biological Effects of Electronic Cigarette Liquid on Oral Mucosal Cells. International Association of Dental Research (IADR) General Session & Exhibition. London, UK, 2018.
 11. Alsahaf S. and **Almela T**. Tissue engineering and modelling of invasive oral cancer. Baghdad dental college conference. Iraq, 2019.



