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**List of Publications**

1. S Liaqat., L Bozec., PF Ashley., & AM Young. Fibre-reinforced Dental Composites with Antibacterial, Re-mineralising and Adhesive Components. Proceedings of International Association of Dental Research, 91st IADR/AADR/CADR General Session Seattle, Washington, USA, 20-23/03/2013. Journal of Dental Research, 92 (Specific Issue A).
2. NJ Walters., MA Khan., S Liaqat., & AM Young. Novel Re-mineralising, Antimicrobial Dental & Orthopaedics Resin Based Composites. Proceedings of Tissue Engineering & Regenerative Medicine International Society (TERMIS) European Chapter Conference, Istanbul, Turkey, 17-20/06/2013. Tissue Engineering Part A.
3. S Liaqat., L Bozec., PF Ashley., & AM Young. Mechanical and Adhesion Properties of Dental Composites. Proceedings of European Dental Materials Conference, Birmingham, UK, 29-30/08/2013.
4. S Liaqat., & AM Young. Mechanical & Adhesion Properties of Adhesive, Remineralising & Anti-bacterial Dental Composite. Proceedings of British Society for Oral and Dental Research, Bath, UK, 09-11/09/2013.
5. S Liaqat., L Bozec., PF Ashley., & AM Young. Adhesion and Mechanical Properties of Dental Composites. Proceedings of 2nd International Conference on Dental and Oral Health, Dubai, UAE, 21-23/04/2014.
6. S Liaqat., L Bozec., PF Ashley., & AM Young. Quantification of Factors Affecting Composite Bonding to Ivory Dentine. Proceedings of International Association of Dental Research, 92nd IADR/AMER General Session, Cape Town, South Africa. 25-28/06/ 2014.
7. S Liaqat., L Bozec., PF Ashley., & AM Young. Use of Ivory to Assess Composite Dentine Bonding. Proceedings of the European Society of Biomaterials. Liverpool, UK. 31/08/-03/09/2014.

8. S Liaqat., L Bozec., PF Ashley., & AM Young. High-Strength, Low-Shrinkage Composite with Potential to Self-Bond to Dentine. Proceedings of International Association of Dental Research, 93rd IADR/AADR/CADR General Session Boston, Massachusetts, USA, 11-14/03/2015.
9. S Liaqat., A Aljabo., MA Khan., HB Nuba., L Bozec., PF Ashley., & AM Young. Characterization of Dentine to Assess Bond Strength of Dental Composites. *Materials* 2015,8(5),2110-2126,doi: 10.3390/ma8052110.
10. A Aljabo., W Xia., S Liaqat., MA Khan., JC Knowles., P Ashley., & AM Young. Conversion, Shrinkage, Water-sorption of Flexural Strength and Modulus of Remineralising Dental Composites. *Dental Materials* 2015, Nov;31(11):1279-8,9 doi: 10.1016/j.dental.2015.08.149.
11. P Panpisut., S Liaqat., E Zacharaki., W Xia., L Petridis., & AM Young. Dental Composites with Calcium / Strontium Phosphates and Polylysine. Published in *PLOS ONE* Oct;11 2016.
12. M. S. Zafar, S. Liaqat, S. Najeeb, Z. Khurshid, M. Alrahabi and S. Zohaib. Resin Polymers Based Tooth Coloured Filling Dental Materials. (Book Chapter). Published in *Polymer science: research advances, practical applications and educational aspects* (Formatex Research Center) 2016.
13. NJ Walters., S Liaqat., G Palmer., P Panpisut., N Morden., PF Ashley., & AM Young. Qualitative Analysis and Mechanical Properties of Mono-calcium Phosphate- and  $\epsilon$ -poly-L-lysine-containing Composites which Induce Rapid Hydroxyapatite Precipitation. In process of submission to *Dental Materials* (2016).
14. N Irshad., H Jabeen., & S Liaqat. To determine the ph of commercially available whitening tooth pastes, Proceedings of 5 th International Symposium on Biomedical Materials, Lahore, Pakistan 2016.
15. M Saleem., & S Liaqat. Anti-bacterial agents used in dental Composites: A Meta Analysis. Proceedings of 5 th International Symposium on Biomedical Materials, Lahore, Pakistan 2016.
16. S Iftikhar., F Manzoor., S Liaqat., & AS Khan. Comparative Surface Characterization of Manual and Rotary Endodontic File Systems. Proceedings of 5 th International Symposium on Biomedical Materials, Lahore, Pakistan 2016.

17. MZ Chaudhry., & S Liaqat. Anti-bacterial modifications of Glass ionomer cements: A Meta-analysis. Proceedings of 5th International Symposium on Biomedical Materials, Lahore, Pakistan 2016.