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- 2) **Sugandha Chahal**, Fathima Shahitha Jahir Hussain, Anuj Kumar, Mohammad Mashitah Mohd Yusoff, Mohammad Syaiful Bahari Abdull Rasad. 2015 .Electrospun hydroxyethyl cellulose nanofibers functionalized with calcium phosphate coating for bone tissue engineering. *RSC Advances*, **5**(37):.29497-29504.
- 3) **Sugandha Chahal**, Fathima Shahitha Jahir Hussain, Mashitah Mohd Yusoff. 2014. Biomimetic growth of bone-like apatite via simulated body fluid on hydroxyethyl cellulose/polyvinyl alcohol electrospun nanofibers. *Bio-Medical Materials and Engineering*, **24**(1537):.799-806.
- 4) **Sugandha Chahal**, Fathima Shahitha Jahir Hussain, Mashitah Mohd Yusoff, 2013. Characterization of modified cellulose (MC)/poly (vinyl alcohol) electrospun nanofibers for bone tissue engineering. *Procedia Engineering*, **53**:.683-688. (Scopus)
- 5) **Sugandha Chahal**, Fathima Shahitha Jahir Hussain, Mohammad Syaiful Bahari Abdull Rasad, Mashitah Mohd Yusoff, Anuj Kumar. 2016: Nano-hydroxyapatite coated hydroxyethyl cellulose electrospun scaffolds and their cellular response. *International Journal of Polymeric Materials and Polymeric Biomaterials*. (DOI: 10.1080/00914037.2016.1190926)
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- 2) **Sugandha Chahal**, Farah Hanani Binti Zulkifli, Fathima Shahitha Jahir Hussain, Mashitah binti Mohd Yusoff. 2012. Characterisation of HEC/PVA blend nanofibers produced by electrospinning. National conference for Postgraduate research (NCON). **3rd Best Poster Award.**
- 3) Farah Hanani Zulkifli, Fathima Shahitha Jahir Hussain, Mashitah Mohd Yusoff Nurul Nadiah Hamidon, **Sugandha Chahal**. 2012. Cross-linking effect on electrospun Hydroxyethyl cellulose/poly(vinyl) alcohol nanofibrous scaffolds. Malaysian Technical Universities Conference on Engineering & Technology (MUCET).
- 4) **Sugandha Chahal**, Fathima Shahitha Jahir Hussain, Mashitah Mohd Yusoff. 2013. Biomimetic growth of bone-like apatite via simulated body fluid on hydroxyethyl cellulose/polyvinyl alcohol electrospun nanofibers. The 2nd International Conference on Biomedical Engineering and Biotechnology (iCBEB 2013), held in Wuhan, China on 11–13 October 2013.
- 5) **Sugandha Chahal**, Fathima Shahitha Jahir Hussain, Mashitah Mohd Yusoff, Farah Hanani Binti Zulkifli. 2013. Bone-like apatite coating on electrospun hydroxyethyl cellulose/polyvinyl alcohol nanofibers for bone tissue engineering. Conference on Industry - Academia Joint Initiatives in Biotechnology (CIA: Biotech 13).

## EXHIBITIONS

- 1) Dr. Fathima Shahitha, Prof. Mashitah Binti Mohd Yusoff, Farah Hanani Binti Zulkifli and **Sugandha Chahal**. 2012. Scaffolds from chemically modified cellulose for bone tissue engineering. Biomalaysia. **Silver Award.**
- 2) Dr. Fathima Shahitha, Prof. Mashitah Binti Mohd Yusoff, Sugandha Chahal and Farah Hanani Binti Zulkifli. 2013. Nanofibrous scaffolds from water soluble polymers for bone growth. Creation, Innovation, Technology and Research Exposition (CITREX). **Bronze Award.**
- 3) Dr. Fathima Shahitha, Prof. Mashitah Binti Mohd Yusoff, Farah Hanani Binti Zulkifli and **Sugandha Chahal**. 2012. Scaffolds from chemically modified cellulose for bone tissue engineering. Creation, Innovation, Technology and Research Exposition (CITREX). **Silver Award.**

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