**Maria Talha**

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*Summary*

*A PhD fellow , research enthusiast and published author, with research and writing experience in areas such as organic synthesis, peptide synthesis, nanomaterials, soft polymeric materials, drug delivery and primary science teaching*

*Skills*

* *Research*
* *Academic writing*
* *Research writing and editing*
* *Public speaking*
* *Project management*
* *Team Leading*

*Research activities and Experience*

* *Carried out a research and published a thesis on the synthesis of ultra-short peptide amphiphiles for drug delivery applications as a part of the MPhil degree program*
* *Currently enrolled in PhD program at university of Karachi and been conducting research on the development and application of soft polymeric materials; hydrogels, aerogels etc for various applications*
* *Been associated as a freelance language editor with a number of Editing services*
* *Been a part of industrial collaborations in relevant research areas*
* *Been involved in the writing and filing of a number of patents as an independent inventor*
* *Been involved in the development of a Handbook related to the subject of safety in Scientific laboratories*
* *Authored a primary science textbook series “Explore Your World”*

*Publications:*

*Khalid, M., Kanwal, T., Saifullah, S., Imran, M., Ullah, S., & Shah, M. R. (2022). Investigation of a Single Tail Lysine Rich Peptide Amphiphile with an Ultra Short Peptide Head for its Nano Scale Self-assembly and Drug Loading Potential. Journal of Cluster Science, 33(1), 151-161.*

*Hassan, W., Khalid, M., & Shah, M. R. (2021). Research Publications Growth Rate of Chemistry and Related Subject Areas in Pakistan and Fifty Countries from 2001 to 2020. Journal of the Chemical Society of Pakistan, 43(2).*

*Education:*

*Masters of Science; Quaid-e-Azam University Islamabad*

*Masters of Philosophy; University of Karachi*

*References:*

*Can be furnished on request*