DECLARATION

The research work embodied in this synopsis entitled “Design, Synthesis and Biological evaluation of 1-(2-methoxyphenyl)piperazine analogues as SPECT and PET imaging agent” is an original work carried out by me under the joint supervision of Prof. Shrikant Kukreti, Department of Chemistry, University of Delhi, Delhi-110007 and Dr. Anil K Mishra, Scientist F, Division of Cyclotron and Radiopharmaceutical Sciences, Institute of Nuclear Medicine and Allied Sciences, Defence Research and Development Organisation, New Delhi. The extent of information drawn from the existing literature has been indicated in the body of the synopsis at appropriate places along with the source of information. The work has not been submitted in part or in full earlier for any diploma or degree of this or any other University.

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