

MoU signed between Era's Lucknow Medical College & Hospital and Institute of Nano Science and Technology, Mohali

Era's Lucknow Medical College & Hospital (ELMC&H) has signed a Memorandum of Understanding with Institute of Nano Science and Technology (INST), an autonomous Institute supported by Department of Science & Technology, Govt. of India to establish a working relationship for joint research programme and cross-institutional collaboration in regenerative medicine. The partnership seeks to drive research programme to improve the understanding of therapeutic benefits of nanotechnology mediated stem cell therapy in neurodegenerative diseases and how these two pieces can come together? This scientific tie will boost up co-operation between the laboratories of Dr. Syed Shadab Raza, ELMC&H and Dr. Rehan Khan, at INST.

Nanotechnology is a rapidly expanding field with the potential to revolutionize modern medicine, which may provide new strategies for regenerative medicine, including better tools to improve or restore damaged central nervous system tissues. On the other hand Stem cells are considered an important potential source for repairing damaged human tissues. In this context, both the laboratories have committed to put their sincere effort to achieve a solution in the aforementioned area, as mentioned by Dr. Raza, Principal Investigator, Laboratory for Stem cell & Restorative Neurology, ELMC&H.

Both the laboratories have made agreements to co-operate in pursuing the following general activities in the field of stem cell and nanobiotechnology research:-

- Visits by and exchange of scientist/staff for research and scientific co-operation.
- Visits by and exchange of Ph.D. students/Research Assistants/Project Assistants for study and research.
- Joint research activities.