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Experts deem RNA vaccine superior to DNA vaccine at 'India for Vaccination' e-Summit

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The RNA vaccine is superior to the DNA vaccine because mRNA goes into the cell, and the cell translates it into proteins, which are the ones that the organism sees and induces the immune response.



HEAL Health has recently organised 'India for Vaccination' e-Summit, the Episode-15 of HEAL-Thy Samvaad in association with ICCIDD and knowledge partner HEAL Foundation.

Speaking during the keynote address Prof G Padmanaban, Former Director, IISc, President NASI, Chancellor CUTN, NASI Senior Scientist, Dept of Biochemistry, IISc, Bengaluru, Senior Science Innovation Adviser, BIRAC, Department of Biotechnology, GoI said, “The RNA vaccine is superior to the DNA vaccine because mRNA goes into the cell, and the cell translates it into proteins, which are the ones that the organism sees and induces the immune response. With a DNA vaccine, the virus’ genetic information is transmitted to another molecule that is called the messenger RNA (mRNA).”

Dr Prof Sanjay Rai, Professor, Dept of Community Medicine, AIIMS, President, IPHA said, “Use the vaccines judiciously as they are precious.”

Dr (Prof) Amitav Banerjee, Professor & Head of Community Medicine, Dr DY Patil Medical College, Pune, said, “Vaccines are a strong artillery, so, it should be deployed strategically in the war against the pandemic.”

Dr Swadeep Srivastava, Founder, HEAL Health said, “We have organised India for Vaccination E-Summit to provide the right information to the people on vaccination.”