

## Northern blot protocol Workshop

- ✓ Prepare formaldehyde-agarose gel
- ✓ Extract the RNA
- ✓ Denature the RNA
- ✓ Load the denatured-RNA on the formaldehyde agarose-gels
- ✓ Electrophoresis the RNA
- ✓ Transfer RNA to nylon membrane using capillary action in RNA electrophoresis buffer overnight using 3 MM paper bridge and 20 alternate stacked blue towels
- ✓ Photograph the Membrane
- ✓ Fix the RNA in the Membrane
- ✓ Prepare the DNA probe
- ✓ Label the probe
- ✓ Pre-hybridization and hybridization the Membrane
- ✓ Exposure of the Membrane with multi sensitive film
- ✓ Check and analysis the optical density in each band