

# I.I.S.S. “*Salvatore Trinchese*” (Martano)

Present the estraction of DNA  
from plant material.



# *Material required:*

- *250 ml becher*
- *100 ml distilled water*
- *10 ml detergent*
- *thermometer*
- *ice cubes*
- *ethyl alcohol*
- *cooking salt*
- *filter-paper*

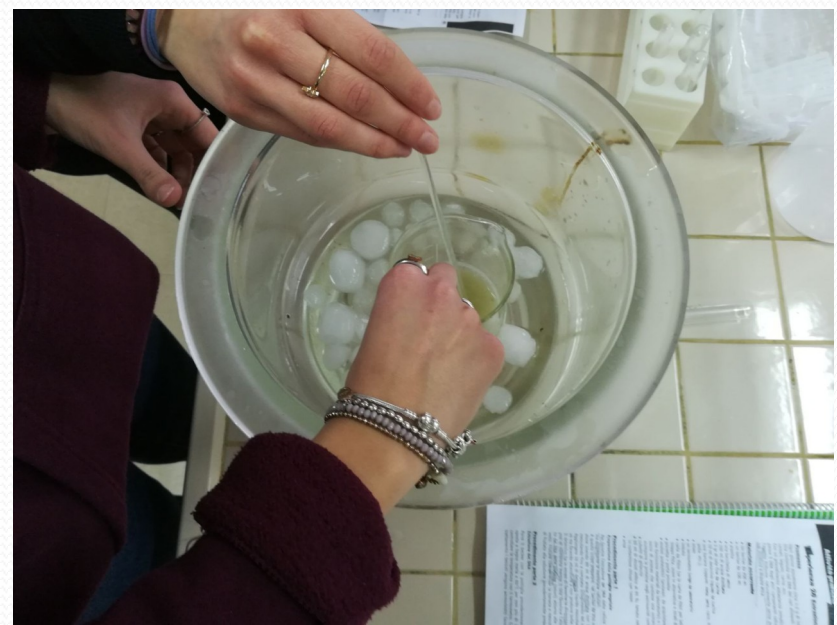
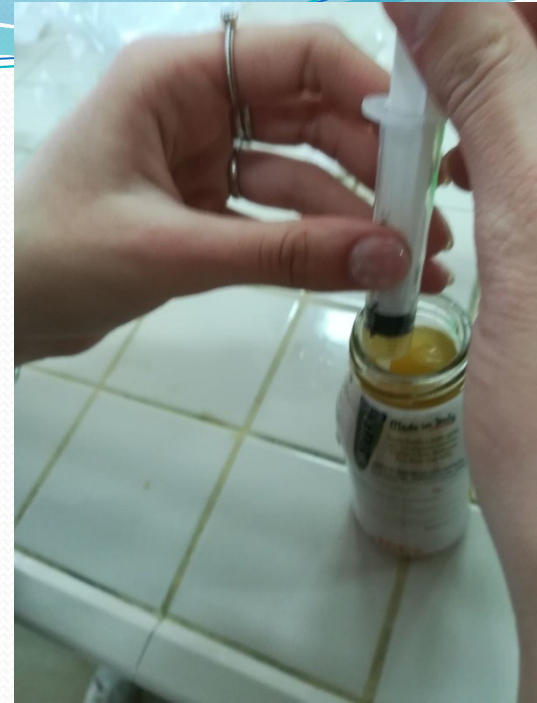


# Method:

- *Cell membranes must first be broken down to facilitate extraction. Then you have to prepare the solution with water and alcohol. With the addition of detergent, the histones are separated from the DNA molecules. Bring the beaker from 60 ° to 15 ° (in ice), mix everything and filter with the filter paper. Pour the solution into the alcohol and with a metal rod collect the filaments always rotating in the same direction.*

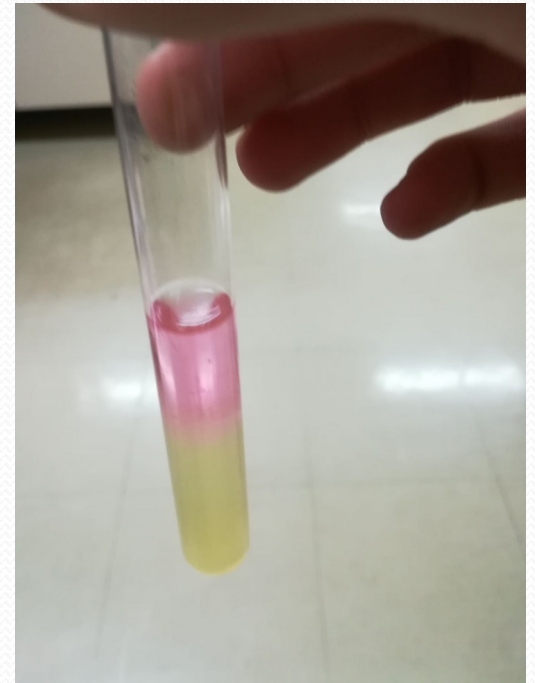
















*Thanks for the attention...*