

# Hybridization of microarray samples ASP-version

19th February 2004

You may start the pre-hybridization in the ASP when the the coupling is ready. Remember to remove the Wash buffer I and change to Pre-hybridization buffer. Insert the microarray slides to the right chambers.

- Mix pairwise Cy5 and Cy3 and add to the tube:

45  $\mu$ l SSC 20x (final 5x)  
45  $\mu$ l Formamide 100% (final 25%)  
4  $\mu$ l SDS 10% (final 0,22%)  
1  $\mu$ l tRNA  
3  $\mu$ l Oligo-dA

Final volume of the sample: 180  $\mu$ l.

Change back to the Wash buffer I when the pre-hybridization is ready.

- Denature at 95°C for 3 min.
- Centrifuge 1 min.
- Apply to the ASP chambers with a syringe as fast as possible.
- Start the hybridization.