

## **Session 6: Transgenerational and epigenetic effects of chemicals**

This session focuses on the transgenerational and epigenetic chemical effects with a specific emphasis on

- 1) Roles of epigenetic mechanisms in regulating the adaptive or adverse responses of species to chemical stressors,
- 2) What evidence is available on the nature of dose response relationships for epigenetic effects,
- 3) The state of knowledge on the possibility of transfer of the epigenetically-induced adverse effect across multiple generations in environmentally relevant species.