

- Genetic manipulation/modification organism (GMO)
- Genetic makeup of microbes may change naturally (antibiotic resistance)
- May change intentionally in the lab thus an upgrade in hazard group may be required
- Regulated by scientific advisory committee on genetic modification (SACGM), HSE,
 ADCP, DEFRA, and Scottish Executive Environment and Rural Affairs Department
- Regulation within the laboratory
- Regulated by **BSO**, **SACGM**
- Must comply with all regulations relating to non-GMO microbiology labs subject to higher level of monitoring
- <u>Higher level monitoring includes</u>: health surveillance of employees of letter adverse reactions/ill health to prevent further exposure
- The lab should choose the less hazardous micho state Manipulate
- Risk assessment of GMO
- Considers impact to human and animal health, and the environment
- Should be reviewed regularly as (Up Lited in light of new knowledge
- Kept for 10 years after work has ended