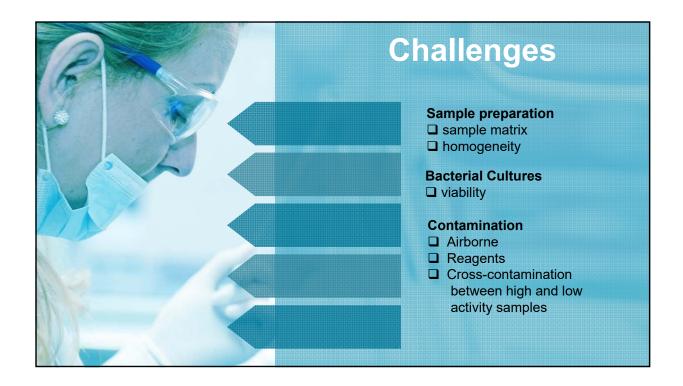


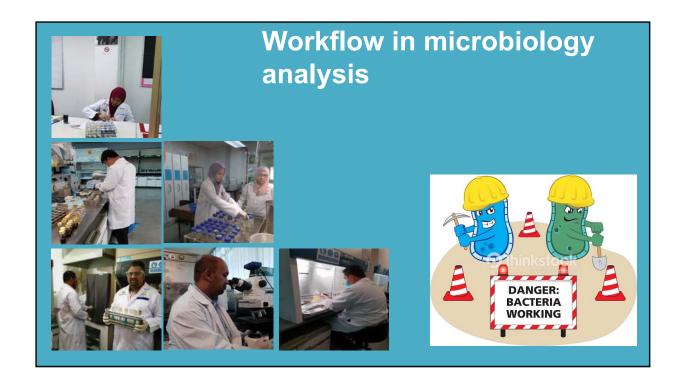


Food Analysis Workshop: Proficiency Testing and Reference Materials Development



PT outliers in microbiology | sample handling errors | inadequate staff training | lack of understanding of legislation/ guidelines | inadequate methods | equipment and culture media failures | calculation errors | reporting errors









Food Analysis Workshop: Proficiency Testing and Reference Materials Development



Future directions

- ☐ To develop more precise low colony-forming unit (CFU) materials for presence/absence tests
- □ Development of more trial schemes for both food and water microbiology

References

- □ An approach to integrated data assessment in a proficiency test on the enumeration of *Escherichia coli*. Bremser et al., 2010. Journal of Applied Microbiology 110, 128 – 138.
- ☐ Homogeneity and stability of samples used for proficiency testing in emuration of coagulase positive staphylococci. Jacek et al., 2012. Bulletin Vet Pulaway 56, 559-562.
- □ Preparation of reference material for proficiency test for enumeration of coliform in cheese matrix. Brandao *et al.*, 2013. Detection; 1, 7-12.
- □ Microbial Culture Collection (MCC) and International Depositary Authority (IDA) at National Centre for Cell Science, Pune. Indian. Sharma and Shouche, 2014. J Microbiol. 2014 Jun; 54(2):129–133.





