



Advances in cytopathology

Bruno Ping



Summary

- Automated screening technology may in time replace or complement the manual screening process.
- High-risk HPV testing can be used to manage women with low-grade disease and as a test of cure.
- The cervical cancer vaccine is expected to reduce the incidence of cervical cancer.
- Immunocytochemical and molecular testing will increase and optimize diagnostics and targeted therapies. Molecular testing will move away from single tests on multiple samples to multiple parallel testing on a single sample (tissue microarrays and most importantly NGS).
- Well-trained scientists will be needed to develop, perform, and interpret molecular results. The biggest hurdle will not be data generation but data interpretation in a clinical context.