

Traditional cultural techniques vs non targeted molecular detection methods



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As this year marks the bicentenary of the birth of Louis Pasteur (1822-1895), it's incredible to reflect on the fact that many of the techniques which were performed in his laboratory in the middle of the 19th century are still carried out in the food testing laboratory of today.

We still detect and enumerate bacteria by putting them in broths and agars, we place them in optimal growth conditions and demonstrate their presence by allowing the individual cells to multiply to such an extent that we can observe visible colonies on selective or non-selective agars.

Although there has been considerable advances in the agars and cultural techniques which we have at our disposal, it does seem inconceivable that routine diagnostic microbiology (both clinical and food) hasn't advanced more rapidly than it actually has, and that faster and more sensitive molecular techniques haven't replaced the more conventional methodologies.

In this webinar we look at what technologies are available and assess their advantages and disadvantages over the traditional cultural techniques.

- Date: 14th June 2022
- Duration: 60 minutes including Q&A
- Speaker: Andy Muirhead - ALS Company Microbiologist
- Cost: £45 + VAT
- Start time: 14:00 GMT

Contact Us / Book Now

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You will receive a certificate of attendance for your participation

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