

Catalase activity in immobilised yeast - an update

Background

In 2017 SSERC was approached by SQA to produce two resource packs in support of National 5 Biology investigations. We have recently published details of these resource packs [1] and copies can be downloaded from the SSERC website [2].

In a previous issue of the SSERC Bulletin [3] we gave details of experiments in which immobilised beads of yeast could be utilised as a source of catalase and we suggested that such an experimental system might be suitable for use in National 5 investigations.

We have subsequently heard from several teachers and technicians that the immobilised yeast/hydrogen peroxide method has been used as the basis of a number of National 5 and Higher investigations. We thought



Teacher/Technician Guide for Catalase activity in immobilised yeast.

it might be useful, therefore, if we repackaged the original protocol in a similar format to our original 'SQA' resource packs. Both Teacher/Technician and Student Guides are now available [2]. We are very keen

to receive feedback on the content of the Guides and their usefulness in order that we can (i) update as necessary, and (ii) produce more Guides to support National 5 and Higher investigations. Please send feedback to biology@sserc.scot. <<

References

- [1] SSERC (2017) National 5 Biology assignment packs, *SSERC Bulletin*, **261**, 10-12. Available at http://info.sserc.org.uk/images/Bulletins/261/SSERC261p10_12.pdf (accessed 18th June 2018).
- [2] National 5 Assignment, available at <http://info.sserc.org.uk/biology-national-4> (accessed 18th June 2018).
- [3] SSERC (2017), Hydrogen peroxide and immobilised yeast, *SSERC Bulletin*, **258**, 10-13. Available at http://info.sserc.org.uk/images/Bulletins/258/SSERC_S258p10_13.pdf (accessed 18th June 2018).

ASE Scotland Annual Conference 2019

ASE Scotland have sent us the following information about their annual conference which takes place on Saturday 9th March 2019 in Glasgow [1].

The ASE Scotland 2019 conference will see an exciting range of workshops running. From Primary Sensory Science to Advance Higher; there is something for every level.

This year will include, workshops run by SSERC on the latest research and guidance in Scottish Primary and Secondary Science Education, Raising Aspirations in Science Education and STEM and Learning beyond labels: Science Education for those with additional support needs. <<

Reference

- [1] **Venue:** Hutchesons' Grammar School, 21 Beaton Road, Glasgow, G41 4NW.



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Book online www.ase.org.uk/events/ase-scotland-conference-2019