so that the students have samples for Normal Dog (Positive), Coon Hound Disease (Positive), Pesticide Exposure (Negative), and Coon Hound Disease with Pesticide Exposure (Negative). The stop solution is basic. Make sure that students take proper safety precautions as described in the manual for the BioFuel Enzyme kit.

In any case, as a former educator and current curriculum provider, I was rather concerned that this activity was recommended for AP Biology without providing safety precautions. I would recommend that high school teachers “mimic” the AChE reaction for this exercise.

Reference


John Melville
Biology Staff Scientist
Vernier Software & Technology
13979 SW Millikan Way
Beaverton, OR 97005-2886
E-mail: jmelville@vernier.com

I wanted to call your attention to a pretty significant mistake in the article “A Socratic Method for Surveying Students’ Readiness to Study Evolution” in the February 2013 issue of the ABT (Stansfield, 2013).

On page 103, right column, List A, number 1, the author states, “Mitosis in humans normally produces haploid gametes, of variable genetic composition, by at least three processes.” And then on page 104, left column, List B, number 1, the author states, “This statement is true.” I believe he has mistaken mitosis for meiosis.

As David Kirk, a colleague of mine, mentioned to me when noticing this mistake, “Students do not need any help from the instructor to get confused about mitosis versus meiosis. They manage this quite well on their own, thank you!”

Reference


Susan K. Flowers
Assistant Director
Institute for School Partnership
Washington University in St. Louis
Campus Box 1137
One Brookings Drive
St. Louis, MO 63130
E-mail: flowers@wustl.edu

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Please note that the caption for the Wood Frog in the January 2013 ABT should have read: “At the time of capture it was 2.8 cm (and not mm) from snout to vent and weighed 1.55 g.”

Roy Rea
Roy.Rea@unbc.ca

Correction

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