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We were fortunate to participate in SciGene's Technology Access program for the CytoBrite Slide Incubation System when we were able to compare its performance to both the Hybrite and Thermobrite instruments. We were very pleased to find that the CytoBrite System eliminated a nagging problem we were having with "spatter" with some probes and samples. My lab reported these results at the 2014 annual meeting of the Association of Genetic Technologies (AGT) in Louisville, KY.

We love the CytoBrite System and now use it on the full range of sample types and probes used in our laboratory including cell lines, bone marrow and paraffin-embedded samples with FISH probes from Abbott, Agilent, Cymogen and Cytocell.

In addition to providing consistently better results, we love that we don't have to fill the CytoBrite System with water absorbent pads since it uses CytoBond Sealant in place of rubber cement; eliminating humidification. Our technicians really, really like the CytoBrite 6-slide carrier which makes it easy to transfer slides in batches rather than one at a time. Another unique feature is the instrument's front USB port which allows us to easily download a time and temperature datalog for each run.

The CytoBrite System has become our GO-TO instrument for processing all paraffin-embedded samples since it is very controlled and provides the tightest temperature regulation of all our instruments. We place our most sensitive samples on the CytoBrite System and use our other instruments for outliers and samples less susceptible to temperature variation.

As our samples increase we will likely purchase a companion CytoBrite Slide Oven to transfer slide trays from the CytoBrite System for the overnight probe denaturation step.