

From: Jones, Simon <joness@dfo.mpo.com>
Sent: Wednesday, October 8, 2008 9:20 AM
To: Miller-Saunders, Kristi <Kristi.Miller@dfo-mpo.gc.ca>; Garver, Kyle <Kyle.Garver@dfo-mpo.gc.ca>
Subject: RE: Preservation of RNA for Functional Genomic Studies: A Multidisciplinary Tumor Bank Protocol

Kristi,

This opportunity will open a lot of doors.

It suggests that tissues preserved in RNA later and processed for histology should also be suitable for ISH riboprobing, as well as routine histological staining. A consideration is that we typically require a larger sample for histo/ISH than is normally required for nucleic acid extractions - so the sample should be large enough to permit adequate stabilisation of RNA and also be sufficient for histology/ISH. It will probably also be useful to avoid freezing of the RNA later preserved tissue to retain morphological integrity if histo is being considered.

cheers, Simon

-----Original Message-----

From: Miller-Saunders, Kristi
Sent: October 8, 2008 9:09 AM
To: Jones, Simon; Garver, Kyle
Subject: FW: Preservation of RNA for Functional Genomic Studies: A Multidisciplinary Tumor Bank Protocol

Hi Simon and Kyle,
Looks like we may be able to do histology on tissues preserved in RNA later. That is potentially a very good thing. However, that said most of the tissues that have been collected for our program have been frozen except those emanating from Marc Trudel's cruises. We may change this practice in future, if the use of RNA later allows greater flexibility on tissue use.

Thoughts?

Kristi Miller

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From: norma.ginther@dfo-mpo.gc.ca [mailto:norma.ginther@dfo-mpo.gc.ca]
Sent: October 8, 2008 7:30 AM
To: Miller-Saunders, Kristi
Subject: Preservation of RNA for Functional Genomic Studies: A Multidisciplinary Tumor Bank Protocol

Your friend or colleague norma.ginther@dfo-mpo.gc.ca thought this article from Modern Pathology would be of particular interest to you. Their message is below.

Modern Pathology article: Preservation of RNA for Functional Genomic Studies: A Multidisciplinary Tumor Bank Protocol

The address is: <http://www.nature.com/modpathol/journal/v14/n2/full/3880267a.html>

Their message:

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