



Allison Hubel <hubel001@umn.edu>

BioCoR: biopreservation research consortium, new sustainability program, and more!

4 messages

BioCoR <biocor@me.umn.edu>
Reply-To: biocor@me.umn.edu
To: hubel001@umn.edu

Thu, Jul 14, 2011 at 10:21 AM



Midsummer's Newsletter 2011

Dear Allison,

Welcome to the midsummer's newsletter. We have been busy developing new programs in BioCoR. Two of these new programs are described in this newsletter: the Biopreservation Research Consortium and BioCoR's new sustainability program. More information on both of these programs can be found on the website.

We will be rolling out other changes to the website and BioCoR's programs in the September Newsletter.

As always, your comments are very important to us. We expect to see you at www.biocor.net.

BioCoR is a national resource focused on advancing the science, technology and practice of biospecimen preservation. We are dedicated to developing biopreservation protocols, improving preservation and storage technologies, establishing standards and guidelines and training individuals and institutions in the science and technology of biopreservation.

More information can be found on the **BioCoR** website: www.biocor.net. Or you may contact us now at biocor@me.umn.edu

Biopreservation Research Consortium

The Biopreservation Core Resource (BioCoR) is establishing a multi-university Industry / University Cooperative Research Center (I/UCRC) with SUNY-Binghamton. The new I/UCRC will be known as **the Biopreservation Research Consortium (BRC)**.

The **BRC** is intended to bring academic researchers involved in preservation research, cell therapies, and biobanking together with industry, governmental agencies, and other organizations for the purpose of accelerating advances in preservation science and rapid translation of laboratory research into useful technologies.

The **BRC** will initially focus on two distinct program areas: Cell therapy and biobanking of biospecimens. The initial round of projects supported by the *Consortium* will focus on critical needs in these two areas that will be determined by the participants.

Membership in the **BRC** has many benefits, including:

- Early awareness of developments in biopreservation research
- Direct contributions to BRC programs by serving as industrial mentors and/or thesis committee members
- Influence research direction by proposing case study problems or specific research projects

- Identification of potential future employees through early contact with students and post-doctoral researchers
- Preferential terms when licensing patents for commercial applications and special notification regarding invention disclosures, patent filings and new technology breakthroughs
- Reduced rates for BioCoR's educational programs
- Reduced rates for selected supporting facilities

If you are interested in more information on the **BRC**

- You can consult the BioCoR website ([BRC link](#))
- There will be an informational webinar on August 10, 2011 from 11am-12 pm CDT. If you send your name, organization and email address to biocor@me.umn.edu, we will send you a link to the webinar.
- Call us at 612.625.6808 or email us at biocor@me.umn.edu with your questions. We would be happy to send you a copy of the membership agreement for your evaluation as well.

BioCoR Sustainability Program

Energy use associated with the long-term storage of biospecimens can be substantial. For example one -80°C mechanical freezers consume roughly 1000 Watts/h or 24 KW/day resulting in an annual cost of > \$2,400/ year for each freezer unit. Energy consumption rates will increase as the unit ages or if the unit is not well maintained. Mechanical freezers produce a lot of heat (approximately 3,200 BTU/hr). In order to maintain a temperature of < 75°F (24°C), air conditioning will be required. One ton of air conditioning will support approximately 4 mechanical freezers. Therefore, total energy consumption for mechanical freezers includes both the consumption of energy to operate the freezer and energy costs associated with air conditioning required.

Methods of storage must also maintain long-term biological stability and biospecimen quality. BioCoR has developed an education program to help biorepositories and organizations in which store large numbers of biospecimens implement a program of sustainability auditing. This program is designed to address both the need to minimize environmental impact of the storage process and maximize quality of the biospecimen.

The first event associated with our sustainability program is a one-hour webinar.

Mark your calendar:

Wednesday, October, 26, 2011 11 am-12:30 pm (CDT).

The concept of a sustainability audit will be introduced. In addition, attendees of the webinar will also be given a brief survey to complete and instructions for filling out the survey. This information will be analyzed in order to make recommendations regarding modifying/improving your practices and the potential costs savings that may be realized.

More information and on line registration for the webinar is available on the BioCoR website ([BioCoR sustainability webinar](#)).

We are Linked In!

BioCoR has set up a linked in site. We are hoping that this site will help us communicate with the wider preservation community. Our intention is to provide a forum for discussions as well.

If you have not already done so, join our Linked In page ([BioCoR Linked In Page](#)).



UNIVERSITY OF MINNESOTA

BioCoR would like to acknowledge the support of the College of Science and Engineering

and the Academic Health Center of the University of Minnesota.

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Serean Adams <Serean.Adams@cawthron.org.nz>

Thu, Jul 14, 2011 at 4:1

To: biocor@me.umn.edu

Hello,

We would be interested in joining BioCor. Could you please send further information. I will not be available at the time of the webinar to watch unfortunately.

We are conducting research into developing cryopreservation methods for shellfish sperm eggs and larvae, microalgae and kakapo sperm (new zealand's flightless endangered parrot)

Kind Regards. Serean

Serean Adams
Aquaculture Scientist

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

From: BioCoR [<mailto:allison@biocor-umn.ccsend.com>] **On Behalf Of** BioCoR

Sent: Friday, 15 July 2011 03:23

To: Serean Adams

Subject: BioCoR: biopreservation research consortium, new sustainability program, and more!



Midsummer's Newsletter 2011

Dear Serean,

[Quoted text hidden]

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UNIVERSITY OF MINNESOTA *BioCoR would like to acknowledge the support of the College of Science and Engineerin and the Academic Health Center of the University of Minnesota.*

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Allison Hubel <hubel001@umn.edu>

Fri, Jul 15, 2011 at 8:59 AM

To: Serean Adams <Serean.Adams@cawthron.org.nz>

Serean,

Your work is outside of the program areas. If we expand to include gametes, we will certainly contact you.

Best regards,

Allison

[Quoted text hidden]

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Allison Hubel, PhD
Professor and Director
Biopreservation Core Resource
www.biocor.net
University of Minnesota
[612.626.4451](tel:612.626.4451) (phone)
[612.625.4344](tel:612.625.4344) (fax)

Kimberly Bojczuk <Kimberly.R.Bojczuk@gsk.com>

Mon, Jul 18, 2011 at 8:11 AM

To: "biocor@me.umn.edu" <biocor@me.umn.edu>

Hello,

Can you please send a membership application for the BRC so I can review and show to my management?

Thanks in advance,

Kim

Kimberly Bojczuk
Senior Scientist

kimberly.r.bojczuk@gsk.com

Ext: +1 610-917-6892 / Int: 8-282-6892

GlaxoSmithKline, Upper Providence, 1250 South Collegeville Road, Collegeville, PA 19426, USA



From: BioCoR [mailto:allison@biocor-umn.ccsend.com] **On Behalf Of** BioCoR
Sent: Thursday, July 14, 2011 11:22 AM
To: Kimberly Bojczuk
Subject: BioCoR: biopreservation research consortium, new sustainability program, and more!



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Dear Kimberly,

[Quoted text hidden]

[Quoted text hidden]

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