

Institute for Hepatitis and Virus Research

BUILDING PARTNERSHIPS

- The Institute for Hepatitis and Virus Research shares its home with the Hepatitis B Foundation office and labs, as well as with the Drexel Institute for Biotechnology and Virology Research.
- The IHVR, HBF and DIBVR are located on the campus of Delaware Valley College
- These unique partnerships allow the different organizations to collaborate on projects, and to share scientific information, which allows for a more streamlined research process.

Numbers

38

The number of employees working at the IHVR, HBF and DIBVR

12

The number of publications the IHVR/HBF and DIBVR produced in 2004/5

25,000

The number of Pennsylvanians infected with chronic

hepatitis B

Nature Biotechnology says: IHVR is one of the National Biotech “Hotspots”

The Institute for Hepatitis and Virus Research, located on the campus of Delaware Valley College, was recently listed as one of the U.S. National Biotech Hotspots. The list was published in Nature Biotechnology, which chronicled the top biotech research initiatives, funding Sources, Research Parks and Advocate Associations divided by state.



IHVR is home to one of the top eleven labs developing Cancer Biomarkers for Colorectal Cancer

Table 9 Summary of the Developmental Status of Hepatocellular Carcinoma Cancer Biomarkers

Candidate Biomarker	Phase I		Phase II	Phase III	Comments	
	Discovery	Predictive Analysis	Assay Refinement	Characterization (Blinded)		Retro-longitudinal
DCP (Serum)	→	→	→			Currently under network validation
GP73 (Serum)	→					Antibody being produced
SAP (Serum)	→					Antibody being produced
SELDI-MS-TOF Profile (Serum)	→					Assay refinement

The Institute for Hepatitis and Virus Research is the home of Dr. Ying-Hsiu Su’s lab, which is in the process of discovering a biomarker for Colorectal Cancer. Dr. Su’s work on the existence of K-ras (a protein thought to indicate the presence of cancer) in human urine was mentioned in the Early Detection Research Network’s March 2005 Monthly Report.

Graph excerpted from the EDRN Monthly report, indicating the top 10 colorectal Cancer Biomarkers



Journal of
Hepatology,
Volume 41, number 3.
March 2005

We're one
of the cover
Stories!

Article in the prestigious Journal of Hepatology highlights method developed at the Institute for Hepatitis and Virus Research

Here, you could place a small description of the paper, perhaps even an excerpt

This story can fit 100-150 words.

The subject matter that appears in newsletters is virtually endless. You can include stories that focus on current

technologies or innovations in your field.

You may also want to note business or economic trends, or make predictions for your customers or clients.

If the newsletter is distributed internally, you might comment upon new procedures or improvements to the business.

Sales figures or earnings will show how your business is growing.

Some newsletters include a column that is updated every issue, for instance, an advice column, a book review, a letter from the president, or an editorial. You can also profile new employees or top customers or vendors.

*"Never doubt that
a small group of
committed citizens
can change the
world. Indeed, that
is the only thing
that ever has"*
-Margaret Meade

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Virus Research
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NCI says: Institute for Hepatitis and Virus Research has discovered three of the top four cancer biomarkers

Table 7 Summary of the Developmental Status of Colorectal Cancer Biomarkers

Candidate Biomarker	Phase I (Discovery and Early Refinements)			Phase II	Phase III	Comments
	Discovery	Predictive Analysis	Assay Refinement	Characterization (blinded)	Retro-Longitudinal	
Ubiquitin C-terminal L3 (Serum)	→	→				Assay Development, then Phase II
SELDI Profile (Serum)	→					Early Discovery, Plan Phase II 2005
Galectin 3-Ligand (serum)	→	→				In Phase II profile
K-ras (Urine)	→	→	→			Early Phase II
K-ras (Stool Guaiac)	→	→	→			Early Phase II
Multigene (Stool-Exact)	→	→	→	→		Stool Biomarker "control"
Flat adenoma/Chromoendo	→					Phase I completion
GOS (Stool)	→	→	→			Stool Profile Phase II
MethylCDKN2A (Stool)	→	→	→			Stool Profile Phase II
MethylMGMT (Stool)	→	→	→			Stool Profile Phase II
Cox-2 RNA (Stool)	→	→	→			Stool Profile Phase II

In the March, 2005 monthly liver report from the Early Detection Research Network (a division of the National Cancer Institute), the Institute for Hepatitis and Virus Research's three compounds were mentioned in the top four biomarkers in development. With further research, these biomarkers could one day help doctors diagnose cancer in its earliest stages.

Graphic excerpted from the National Cancer Institute's Division of Cancer Prevention Early Detection Research Network Monthly Liver Report



National Cancer Institute
U.S. National Institutes of Health | www.cancer.gov

Inside Story Headline



Caption describing picture or graphic.

ports. While your main goal of distributing a newsletter might be to sell your product or service, the key to a successful newsletter is making it useful to your readers.

A great way to add useful content to your newsletter is to develop and write your own articles, or include a calendar of upcoming events or a special offer that promotes a new product.

This story can fit 150-200 words. One benefit of using your newsletter as a promotional tool is that you can reuse content from other marketing materials, such as press releases, market studies, and re-

You can also research articles or find “filler” articles by accessing the World Wide Web. You can write about a variety of topics but try to keep your articles short.

Much of the content you put in your newsletter can also be used for your Web site. Microsoft Publisher offers a simple way to convert your newsletter to a Web publication. So, when you’re finished writing your newsletter, convert it to a Web site and post it.

“To catch the reader’s attention, place an interesting sentence or quote from the story here.”

Inside Story Headline

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new employees or top customers or vendors.

Inside Story Headline

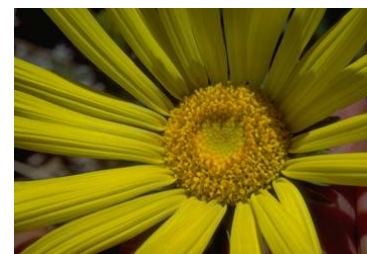
This story can fit 75-125 words. Selecting pictures or graphics is an important part of adding content to your newsletter.

Think about your article and ask yourself if the picture supports or enhances the message you’re trying to convey. Avoid selecting images that appear to be out of context.

Microsoft Publisher includes thou-

sands of clip art images from which you can choose and import into your newsletter. There are also several tools you can use to draw shapes and symbols.

Once you have chosen an image, place it close to the article. Be sure to place the caption of the image near the image.



Caption describing picture or graphic.



Building Partnerships

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This would be a good place to insert a short paragraph about your organization. It might include the purpose of the organization, its mission, founding date, and a brief history. You could also include a brief list of the types of products, services, or programs your organization offers, the geographic area covered (for example, western U.S. or European markets), and a profile of the types of customers or members served.

It would also be useful to include a contact name for readers who want more information about the organization.

Cause for the Cure



Back Page Story Headline

This story can fit 175-225 words.

If your newsletter is folded and mailed, this story will appear on the back. So, it's a good idea to make it easy to read at a glance.

A question and answer session is a good way to quickly capture the attention of readers. You can either compile questions that you've received since the last edition or you can summarize some generic questions that are frequently asked about your organization.

A listing of names and titles of managers in your organization is a good way to give your newsletter a personal touch. If your organization is small, you may want to list the names of all employees.

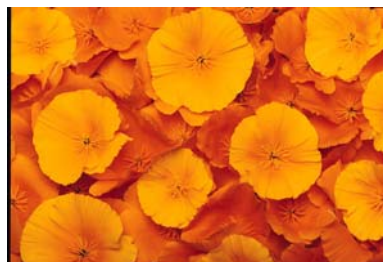
If you have any prices of standard products or services, you can include

a listing of those here. You may want to refer your readers to any other forms of communication that you've created for your organization.

You can also use this space to remind readers to mark their calendars for a regular event, such as a breakfast meeting for vendors every third Tuesday of the month, or a biannual

charity auction.

If space is available, this is a good place to insert a clip art image or some other graphic.



Caption describing picture or graphic.