



FELLOWS & YOUNG INVESTIGATORS NEWSLETTER

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From the Editor's Desk

The summer season has now come and gone and we present you with another issue of our newsletter. In this issue, you can identify some common mistakes and get some helpful tips when writing your CV from the "Resume Doctor". You will also learn about the current activities and how the Laser Microdissection Core Facility can assist you in your research endeavors. Also, you will get an update about the activities from the Center of Excellence in Immunology. Read about a recent symposium held examining the "Chemical insights into biological processes" and the NCI-Frederick Spring Research Festival.

Enjoy!!

Editorial Staff:
Tim Chan, PhD, Michal Legiewicz, PhD, Selinda Orr, PhD,
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IF YOU HAVE ANY COMMENTS, SUGGESTIONS OR WOULD LIKE TO CONTRIBUTE TO FUTURE NEWSLETTERS PLEASE EMAIL US AT
ncicrfyi@mail.nih.gov, mlegiewicz@ncicrf.gov, chantim@mail.nih.gov

Providing support for fellows at CCR

CCR-FYI Association is supported by the CCR Office of the Director

CCR-FYI News

Letter from the CCR-FYI Steering Committee Chair

Dear Colleagues,

In May, elections were held to appoint the new Officers for the FYI Steering Committee. I was excited to find out that I was elected as Chair for 2008-2009 and this is truly an honor. In addition, Dr. Christian Capitini was elected as Vice-Chair for Bethesda, Dr. Selinda Orr as Vice-chair for Frederick and Dr. Thomas Paul as Secretary. We eagerly look forward to working closely with Dr. Wiltout, the CCR Director, Dr. Helman, the Clinical Research Director, and the various deputy directors, along with Dr. Jonathan Wiest and the staff of the Office of Training and Education, to be a strong voice for the fellows and other young investigators. We hope to further improve the training opportunities that exist at the NCI for postdoctoral fellows and postbacs. In addition, another one of our missions this year is to continue promoting the presence of the FYI at the three main campuses and to ensure that all trainees hear and earn what the three letters-"FYI"- stand for through various social and networking events and workshop presentations.

The FYI Association represents all postdoctoral fellows and trainees such as postbacs and graduate students. We continue to strive to enhance our training by improving our presentation skills and networking activities amongst individuals at NIH and with prominent extramural scientists. I encourage you to take full advantage of the numerous programs brought to you by the FYI. Consider spending one of your lunch breaks interacting with an outstanding researcher speaker during the Networking Lunch Breaks (unfortunately you need to bring your own lunch!). If you need some practice on giving a talk for a lab presentation, conference or a job talk or are looking to get some additional feedback on your project, sign up to be a presenter for the Bethesda Presentation Skills Seminar (PASS) or the Frederick Postdoc Seminar Series. The PASS seminar occurs every 2nd and 4th Tuesday of the month at 3:30 PM in Bldg 37, 4th Floor conference room. The Frederick Postdoc Seminar series starts up again on Sept. 23 at 12:30 PM in Bldg 549 Auditorium and will be held every 1st and 3rd Tuesday of each month. To further compliment our training, there are several other workshops and courses

offered by the CCR Office of Training and Education (http://ccr.nci.nih.gov/careers/courses_and_workshops.asp) and the NIH Office of Intramural Training and Education (<http://felcom.od.nih.gov/OITE/index.html>) that are worth looking into.

Following last year's successful Colloquium held in Ocean City, the upcoming 2009 Colloquium is currently in the active planning stages and some announcements will be distributed shortly. The dedicated individuals involved with this year's planning are Drs. Edward Wright, Mathew Hall, Brid Ryan, Orla Casey and Krista Zanetti. Keep your eyes and ears posted to the email announcements as more information becomes available and deadlines approach.

Getting involved in the FYI is a great experience and allows you to interact with individuals from all across the CCR, not just those in your lab. We welcome new members to the Steering Committee and you can join us at one of our monthly meetings held on the last Thursday of each month at 11 AM in either the Bethesda, Frederick or Gaithersburg locations, depending upon which campus you are located.

If you are interested in joining the Steering Committee, you can contact us through various routes such as sending an email to ncicccrfyi@mail.nih.gov, visiting the FYI homepage at <http://ccr.cancer.gov/careers/fellows/default.asp> or sending an email directly to me at chantim@mail.nih.gov.



Tim Chan, PhD
CCR-FYI Steering Committee Chair

Articles

Writing an effective C.V.

Editors' Note: The CV is an important document throughout our careers and this article may be helpful in preparing your CV for the 2008 NIH Job Fair, which will be held from October 16, 2008 at the Natcher Conference Center.

General Comments About Marketing CVs

As a professional résumé writer I critique thousands of résumés and CVs each year along with training professionals on how to write résumés and CVs. A CV or résumé essentially comes down to the marriage of clear writing with information sequenced in a logical manner yet retaining a traditional, familiar style. Writing is thought made visible. Résumé/CV writing in the hands of a hurried job seeker that views the résumé/CV writing process as a painful task will generally create a document that renders poor results.

Marketing CVs are designed to get you interviews. CVs for your current employment purposes are marketing documents that require attention to design, content and details. Marketing CVs are indicators of your ability to organize, clearly state ideas and sell your experience, skills, knowledge and abilities (ESKAs). Those using a CV to secure an interview need to be aware that marketing is an art that must be mastered before any products or services become part of an exchange. The document format you have elected to use to market yourself must employ a simple to follow format. It requires a "familiar" feel to the reader. It highlights the "here and now" reverse chronology of ESKAs that embraces a logical flow of information. The CV must tell a logical, crisp story about your ESKAs and should leave the reader with a definitive sense of who you are and what you will bring to the table at the interview. Chances are, if your CV submission results in an interview, the employer will then be evaluating you to see if you are a good "fit" with the current employees. During an interview, selling skills and clear articulation of your ESKAs coupled with your like-ability factors are key acceptance factors.

Do not confuse the **Marketing CV** with the same type of CV used in proposal or research submissions. Although they share some common elements they are designed for very different purposes. The Marketing CV has evolved to a more narrative style with illustrated accomplishments that, hopefully, inspires the reader. One of the key features of the Marketing CV is that it not only **informs** the reader but **inspires** them to interview you. Your abilities to clearly state your ESKAs and relate them to the employer's needs are an important element in the creation of the Marketing CV. If the reader receives, what we call in our business, a "Kit CV" (lacks a logical sequence) or a "Mystery CV" (important parts are missing) there is less likelihood that it will be seriously considered. Smooth flowing presentation of information in a logical, easy to read format is vital in obtaining interviews.

CONTACT SECTION – use formats similar to résumés. Your home address should be on the left margin. Identify phones by the words **Home**, **Cell** or **Office**. Fax numbers are seldom used, have a good reason for adding them. Employers will likely contact you by phone or email. Do not identify your email address as "Email", as the format of the address will make this obvious.

Name (14-16 point font)

Address (11-12 point font throughout the body of the CV, Headers are 14 points)

Home Phone/Cell/Work

Email Personal/Work

- No need to include marital status, gender or birth information
- Citizenship information is only necessary if required by the government or one of its subcontractors

A word about graphic lines – the judicious use of graphic lines to separate sections can be very valuable to the reader in visually scanning the CV. Thin is always less intrusive than thick graphic lines.

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If the graphic lines are too thin, they won't copy very well.

PROFESSIONAL OBJECTIVE

Generally it is only a job title. If prospecting for a job, the Professional Objective can be more general with work and work environment concerns included. Not more than one sentence. *Ask not what an employer can do for you but what you can do for the employer.*

PROFESSIONAL PROFILE – write in simple declarative sentences

Could include an experience summary, language skills, relevant research, security clearances, prominent awards... this section is sort of the synopsis of your experience. It must be written in a targeted manner based upon what the targeted employer is looking for in an employee. Maybe eight to ten lines in length in a paragraph format. Always use complete sentences in this section.

EDUCATION Highest Degree first

PhD Biochemistry Dissertation Topic in “quotes” Honors	University of Anywhere	2005
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Preferred forms of stating degrees for CVs and Résumés

- PhD**
- MS or MBA** include Honors
- BA or BS** include Honors
- AA**

Note that the use of periods are no longer used

NOTABLE ACHIEVEMENTS (optional)

Use a bulleted statement style of truly notable achievements. Keep it to three or four items of two – three lines apiece.

PROFESSIONAL RESEARCH/EMPLOYMENT

Job Title (bold) Organization	Dates - use Months and Years
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Use correct verb tenses and use bulleted statements of not more than two or three lines. Do not use pronouns such as I, me, my and do not abbreviate anything except States in the U.S.

- Use bullets and introduce statements by using strong verbs.
- Quantify the information statements wherever possible using numbers, percentages, dollars or time frames.

The next sections should document your significant achievements in one or more of the following areas:

- Fellowships, Stipends, Awards, Honors, Scholarships
- This list is not exhaustive

PUBLICATIONS

To enhance readability use a reverse chronological format with the most recent publications first. If you are writing a prospecting CV, work from the premise that the most recent things you worked on are of the greatest interest to a perspective employer. Obviously if you know what the employer is seeking use those skill sets and experience first (Primacy Theory).

- Title should be first and in quotation marks or underlined but not both – be consistent
- Authors names should be second. Your name should be bolded - not the other co-author's

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names.

- Names of journals should be third and in italics, followed by year, volume and page number(s)
“PUBLICATIONS” - if you have 18 publications use the format below:

Publications (18)

Title, author, publication/journal and date

PRESENTATIONS – LECTURES – POSTERS

- “PRESENTATIONS” use the convention of **PUBLICATIONS (18)**, **not a numbering system** to identify the total number of documents in this section, use a reverse chronology here also.

Name of presentation, lectures or poster presentations in reverse chronological order. See note above in PUBLICATIONS section. Identify the audience and approximate number in attendance and provide date(s) presented.

AFFILIATIONS/PROFESSIONAL SOCIETIES

Current memberships or posts held as a past office holder

These sections can be combined or separate. Feel free to make up categories for relevant information if it is required to help “sell” the reader.

REFERENCES on a separate sheet of paper that shares the same design elements as the CV/ Résumé.

Three to five references

Name

Organization/Address/Telephone Number/Email Address

Multiple page CVs/Résumés. Name conventions should be at the top of each page after the first page, in 11 point type. Pagination convention is flush right top of page [_ of _ pages] convention. Don't use the brackets.

Example:

Robert Righteous

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Other Notes and Cautions

- Do not bold and underline the same word – one or the other, not both.
- Use the full width of the page – no large left margins. Do not use a template for a CV/résumé.
- Use bulleted statements to replace long text-laden paragraphs that are cumbersome to read.
- Keep text under text, not text under the bullet.
- Technical jargon/acronyms should always be spelled out first with the acronym in parenthesis, after the first introduction, then feel free to use the acronym.
- Do not abbreviate. When identifying city and state always use the U.S. Post Office's two letter (capital letters) abbreviation with no periods eg. For Maryland, use MD – no periods.
- Do not place the words at the top of the document as a CV or Curriculum Vitae. Readers will recognize it by its format and the context of why they have it in their possession.
- For readability do not use full justification. Left justification provides the most readable CV/ Résumé.
- When using numbers to quantify an item, spell out numbers ten and below. Refer to the Gregg Reference Manual for mixed numbers.
- The correct way to cite a publication is contained in the Gregg Reference Manual as follows:
Author (if known), “article title,” *name of magazine or journal*, date, page number

Sample

Joe R. Résumé, “Creating Marketing Résumés and CVs”, *Ladies Home Magazine*, January 2006 pp. 35-40 Note that the name is not first name last – this is done to enhance the readability.

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Saving a CV/Résumé for Electronic Transmission

When saving your CV/Résumé for electronic transmission it is best to save it as an MS Word 97-2003 file

CV of Last Name, First Name, Specialty Area – Date

Above is the proper method... **however**, to enhance readability in a résumé or CV, it is recommended **to use the title of the article first** as it is of the most interest to the reader. The reader will know that the owner of the CV/résumé was either author or a contributor. A minor difference, but very important to help the reader locate the most pertinent information.

Note: Some companies will not open PDF files.

The thoughts and tips included in this brief document are a few of the items we most frequently find as problematic for CV/résumé writers and we hope it has been of some assistance to you. Thanks for the opportunity to help. Best of Luck!

Written by
 Stephen R. Gallison CPRW GCDF CFJTC CIIS
 "The Résumé Doctor"

Edited by:
 Selinda Orr, PhD
 Geraldine O'Connor, PhD

Bethesda CCR Fellows PASS
(Presentation Skills Seminar)
 Every 2nd and 4th Tuesday of the month
 Time and Location: TBA

NCI-Frederick Postdoc Seminar Series
 Every 1st and 3rd Tuesday of the month from 12:30 - 1:30 PM
 Bldg 549 Auditorium

This seminar series is designed as a platform on which to practice conference/job talks and receive constructive feedback from other Fellows. You will improve your speaking and presentation skills, learn about ongoing CCR research and meet other fellows and young investigators.

For more information:
Bethesda PASS - contact Brid Ryan : ryanb@mail.nih.gov
NCI-Frederick - contact Madeline Knoebel: wilsonmk@ncifcrf.gov

Interested in joining the Steering Committee?
Attend one of our monthly video-conference meetings on the last Thursday of each month

Bethesda: Bldg 31 Conference Room Rm 3A11
Gaithersburg ATC: 8717 Grovemont Circle, Rm 142
Frederick: Bldg 549, Conference Room A
Time: 11:00 AM – 12 PM

Laser Microdissection Core Facility: A Great Resource Open to the Entire NIH Community

Laser capture microdissection (LCM) was invented at NIH in 1996 as a product of a multidisciplinary research group including pathologists, engineers and physicists [1]. This powerful technique allows the selection and sampling of specific cells from a tissue section. LCM works with an infrared laser beam which is used to directly target the desired cells under microscopic visualization. The laser beam does not damage the biomolecules and activates a thermal-sensitive film which captures the selected cells isolating them from the tissue section [Fig 1]. From this film, the biomolecules from the captured cells, including DNA, RNA and proteins, can be extracted for

downstream analysis. Since 1996, many variations on the original LCM design have been introduced, including improved hardware and software for automated dissections. However, the most important innovation has been the introduction of the ultraviolet, high energy laser which can cut through the tissue surrounding the target cells. The cutting laser microdissection system allows for fast dissections of scattered cells or big areas of tissue, thick tissue sections (more than 20 μm of thickness), or particularly hard tissues such as bone.

Laser microdissection has revolutionized biomedical research because it allows the analysis of a wide range of molecular targets from specific cell populations selected from a variety of tissue types including human, animal, vegetal or cell cultures. Tissues are complex and heterogeneous, containing several types of intermixed cells, each

type generates its own molecular signature. For example, tumor microenvironment studies have focused on the molecular alterations of cancer cells and the tumor associated stroma including fibroblasts, myofibroblasts, vessels, and inflammatory cells. Additionally, studies have been conducted on the related normal cell populations. The isolation of specific cell populations is essential for obtaining a representative molecular profile of the cells of interest. In a recent study comparing the gene expression of primary breast carcinoma versus lymph node metastasis, it was found that the gene expression profile was completely different when the RNA was extracted from the

whole tissue versus laser microdissected samples [2]. The diversity of molecular data obtainable from contaminating cells derived from whole tissue samples makes laser microdissection techniques essential for molecular profiling studies.

Realizing the enormous potential that laser microdissection technologies has for biomedical research, the Laboratory of Pathology in NCI opened the Laser Microdissection Core Facility,

making this powerful technology available to the entire NIH community. Access to the core is free and currently includes the use of 4 PixCell II (Arcturus/MDS Inc.) LCM instruments and one Veritas™ (MDS, Inc.) automatic microdissection system including both capture and cutting laser. Currently on order, is one Arcturus XT™ (MDS, Inc.), an upgraded automatic microdissection system that includes capture and cutting lasers as well as an upgraded microscope and imaging sys-

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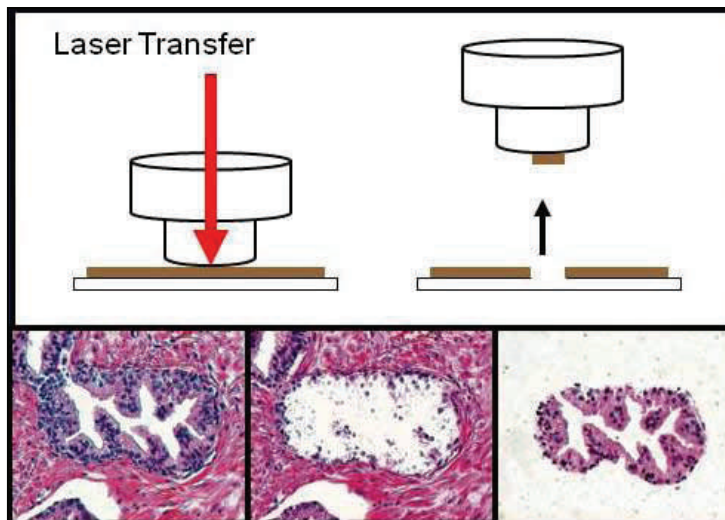


Figure 1: LCM transfer the targeted cells onto a plastic film from which biomolecules are extracted. The microphotographs show a prostate gland before LCM (left), after LCM (middle) and the microdissected gland transferred to the film for molecular extraction (right) (Image courtesy of Dr Michael Tangrea).

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tem with diverse types of illumination; this will help the LCM core to better reach the diverse needs of users. The Laser Microdissection Core also counts among its resources a cryostat and laboratory setup for tissue handling, staining, and molecule extraction from tissue samples.

The current staff of the Laser Microdissection core facility is made up of a biomedical engineer, a pathologist, and works under the supervision of Dr Michael Emmert-Buck, one of the inventors of LCM. The facility offers assistance for project set up, tissue handling, laser microdissection techniques, molecular analysis from microdissected samples, and pathology evaluation for microdissection and research. Assistance for the new users starts with an initial meeting between the users and core staff the goals of the project, the type of samples available for the study including preservation (frozen or fixed), the type of molecule to analyze, and the downstream analysis are assessed. We also offer a thorough pathology review of the tissue specimen for the selection of the samples, an annotation of the target cells and help selecting the most suitable microdissection technique. We then give training in general or specific microdissection and tissue handling techniques depending on the requirements of the project. During the sampling, the users can consult us on every step of the process for histology, tissue handling, and molecular techniques. Last year, we gave assistance to nearly 50 users from diverse NIH institutes.

The Center of Excellence in Immunology: Catalyzing Advances in Immunology Research into Treatments for Cancer

The mission of the Center of Excellence in Immunology (CEI) is to foster discovery, development, and delivery of novel immunologic approaches for the prevention and treatment of cancer. This organization is comprised of a 19-member steering committee and a faculty of approximately 100 principal investigators and staff scientists from over 20 different CCR laboratories, programs, and branches. Faculty includes two members of the National Academy of Sciences and five members of the Institute of Medicine of the National Academy of Sciences. This multidisciplinary organization represents a means to create a critical mass of basic, clinical, and translational scientists, with the objectives of quickly defin-

Besides our own LCM projects on DNA methylation and tumor microenvironment studies, we collaborate closely with the Laboratory of Medical Biophysics, NICHD; CIT; and the Pathogenetics Unit, NCI. The Laser Microdissection core has also participated in and organized workshops for the applications of laser microdissection technologies including the FAES Bio-trac 29 course, "Laser Capture Microdissection: Methods for Microgenomic Analysis".

We are interested in expanding our collaborations with the goal of making laser microdissection technologies fully accessible to the entire NIH community, and we invite you to contact us and visit the Laser Microdissection core facility, in bldg 10, room B1B37.

Article Submitted by:

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References:

1. Emmert-Buck MR, *et al.* Laser capture microdissection. *Science*. 1996;274(5289):998-1001.
2. Harrell JC, *et al.* Contaminating cells alter gene signatures in whole organ versus laser capture microdissected tumors: a comparison of experimental breast cancers and their lymph node metastases. *Clin Exp Metastasis*. 2008;25(1):81-8.

ing new areas of opportunity and rapidly capitalizing on the novel immunology and immunotherapy-related work being done in the CCR to accelerate our scientific advances.

Scientists in the CEI have made critical contributions to basic, translational, and clinical immunology. This includes identification of novel molecules and molecular pathways important for the normal development and function of lymphoid cells, leadership in the field of cancer and inflammation and translation of discoveries in these and other fields to novel immunotherapies for cancer and other diseases. Some important advances by

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CEI scientists in the field of immunotherapy include:

- Development of a vaccine for HPV with the potential to significantly reduce the nearly half million new cases of cervical cancer seen worldwide each year, as well as the quarter million annual deaths
- A cell-based therapy that resulted in improvement in 51 percent of patients with refractory metastatic melanoma
- Cancer regression in patients with metastatic melanoma after transfer of genetically engineered lymphocytes
- Development of immunotoxins successful in treating patients with refractory hairy-cell leukemia
- Discovery that antibodies to the alpha chain of the IL-2 receptor can be effective for treatment of some forms of T-cell leukemia, as well as T-cell mediated autoimmune disorders, including multiple sclerosis and non-infectious uveitis
- First clinical trials of IL-7 in humans
- Translational and clinical studies using antibodies to a subunit of the IL-15 receptor to treat graft rejection, rheumatoid arthritis, multiple sclerosis and adult T cell leukemia
- Development of inter-institute collaboration (NCI-NIAID) for GMP production of IL-15 for clinical trials
- Design and development of therapeutic cancer vaccines used in clinical trials throughout the U.S. These vaccines have provided evidence of increased survival in patients with metastatic and hormone refractory prostate cancer, respectively.
- Promising preliminary evidence that vaccines work synergistically with established cancer therapies such as chemotherapy, antibodies and radiation.

An important goal of the CEI is to create opportunities for immunologists in the intramural and extramural communities to exchange information and facilitate collaborations. Consequently, the CEI has initiated an annual series of meetings on cancer-related immunology research. Previous meetings include “Translational Immunology Related to Cancer” held in 2005, “Frontiers in Basic Immunology” held in 2006 and “Cancer and Inflammation” held in 2007. The most recent of these meetings was “Cancer Immunology and Immunotherapy: Realizing the Promise” held on September 11-12. Dr. Steven Rosenberg, the Chairman of the Program Committee, organized an outstanding agenda featuring 28 eminent scientists speaking on recent advances in the fields of translational and clinical immunology and immunotherapy. The meeting generated tremendous interest and had over 1100 registrants. A complete list of the speakers and presentations at the meeting can be seen at <http://web.ncifcrf.gov/events/CancerImmunology/program.asp>. The talks were also web-cast throughout the NIH and HHS and can be viewed at <http://videocast.nih.gov>.

Those interested in learning more about the current activities and future plans for the CEI are encouraged to attend a steering committee meeting, held the third Monday of each month from 1–3 PM. More information on the CEI can be found at <http://home.ccr.cancer.gov/coe/immunology/> or through contacting Dr Diana Linnekin at dlinnekin@ncifcrf.gov.



Robert H. Wiltout, PhD
 Director, CCR
 Head, Center of Excellence in Immunology

Symposium: Chemical Insights into Biological Processes

On August 15th and 16th, 2008, the Center for Cancer Research (CCR) sponsored the “*Chemical Insights into Biological Processes*” symposium at Hood College, Frederick, MD, to spearhead ongoing efforts to integrate the chemistry and biology resources of the National Cancer Institute through establishment of a Chemical Biology Laboratory. One of the more difficult challenges of chemical biology is defining the nature of the discipline. In its simplest form, chemical biology harnesses the synthetic tools of chemistry to (a) help understand biological processes and (b) subsequently confront biological problems in the form of human disease. This discipline therefore shares with medicinal chemistry the goal of developing small molecule antagonists of biological functions, differing only in that it introduces new, state-of-the-art methodologies to achieve this.

This 2-day symposium, organized by the CCR Chemistry and Structural Biology Faculty, attracted almost 400 participants from both the intramural research program and extramural institutions, and provided an exciting glimpse of how novel chemical approaches are being applied to improve methods that accelerate cancer diagnostics, drug discovery and tumor cell targeting. Internationally-recognized leaders who participated in the symposium included:

- Gergory Verdine, Harvard University (*Cancer Cell Biology*),

- Peter Schultz, Scripps Research Institute (*Synthesis at the Interface of Chemistry and Biology*),
- Angela Belcher, Massachusetts Institute of Technology (*Giving Life to Materials for Energy, Environment and Medicine*)
- Laura Kiessling, University of Madison-Wisconsin (*Low Affinity Interactions for High-Specificity Tumor Cell Imaging*)

Presentations from invited speakers were complemented by talks from members of the intramural research program, including Yves Pommier, Laboratory of Molecular Pharmacology (*Non-Camptothecin Topoisomerase I Inhibitors*) and Craig Thomas, Chemical Genomics Center, NIH (*Integrating Chemistry with Biology at the NIH*). The enthusiasm with which all lectures were received by a diverse audience of chemists, biochemists, cell biologists and structural biologists was a clear indication of the success of the symposium, and will hopefully provide a platform for future NCI involvement in this exciting discipline.

Article Submitted by
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Virology
National Cancer Institute - Frederick

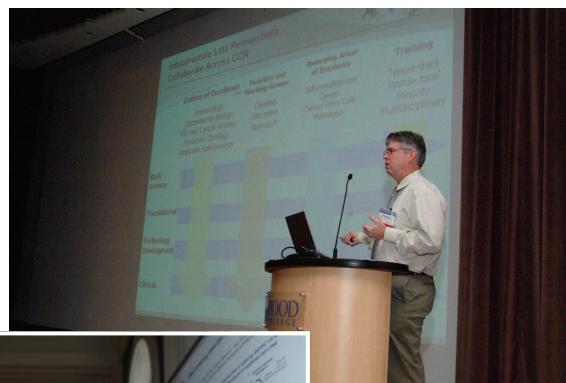


Figure (top left): More than 300 people from a wide variety of disciplines attended the two day conference held in Hood College, Frederick. (top right): Speakers included several leaders in the field of chemical biology (lower right): A presenter explains his work during one of the poster sessions

NCI-Frederick Spring Research Festival

Several months ago, the Twelfth Annual Spring Research Festival was held at Fort Detrick in Frederick from May 14th-15th. This was two event-filled days which included a keynote address from Dr. John Niederhuber, Director of the NCI, along with various selected oral presentations within the subject category: "Virology: From Genetic vehicles to Human Pathogens" and over 190 poster presentations from students, fellows and lab technicians/technical support personnel located at NCI-Frederick and USAMRID. There were also a wide variety of health education and community displays, which also included the CCR-FYI Steering Committee table, during the poster session to provide information and various freebies. As part of the theme this year, all participants received cancer tree (*camptotheca acuminata*) seeds to plant at home. As well, awards were presented to selected individuals with outstanding posters in several categories. In the postdoctoral fellows category, the award winners were:

First Place:

- Piotr Kaczmarek, PhD, Laboratory of Medicinal Chemistry
Structure-Activity Relationship Studies for the Peptide Segment of the Antiproliferative Factor (APF) from Institial cystitis Patients

Second Place:

- Daniela Andrei, PhD, Laboratory of Comparative Carcinogenesis
Synthesis and Anti-neoplastic Activity of Bis-diazoniumdiolate Analogues of the Nitric Oxide Generating Prodrug JS-K

Third Place:

- Olaf Ludek, PhD, Laboratory of Medicinal Chemistry
Synthesis of Carbocyclic Nucleosides for

- Inhibition Studies on Cytidine Deaminase
Michal Legiewicz, PhD, Drug Resistance Program
Resistance to RevM10 Inhibition Requires a Stepwise Conformational Switch in the HIV-1 Rev Response Element
- Naiche Adler, PhD, Laboratory of Cancer and Developmental Biology,
Cre Activity causes apoptosis and developmental defects
- Moon Kang, PhD, Laboratory of Cancer Prevention,
A selective small molecule NF-kB inhibitor from a high-throughput cell based assay for AP-1
- Neeraj Sharma, PhD, Laboratory of Experimental Immunology, CIP,
Are the KIR genes actively silenced prior to their tissue-specific activation? A KIR intronic promoter produces spliced antisense transcripts in human ES cells.

Congratulations to all Festival award winners!

Article written by Tim Chan, PhD



Image of the Spring Research Festival website with the cancer tree in the background.

<http://web.ncifcrf.gov/events/springfest/>

Come join us at the CCR FYI SOCIAL!

WHO: All CCR Fellows/Postdocs and Friends

WHEN: **TUESDAY OCTOBER 28th, 6 PM**

WHERE: **CHAMPION BILLIARDS CAFÉ**

Westview Shopping Center (5205 Buckeystown Pike), Frederick, MD

HOW MUCH: No Cover Charge

Happy Hour Discounts Until 7 PM

Select Drink Specials Until Close

ENTERTAINMENT: Pool, Darts, Trivia, Karaoke

