MESSAGE FROM THE PRESIDENT

Dear Donors and Friends of Concern Foundation for cancer research:

These days when so many things are changing all around us it’s important that you know that Concern Foundation remains steadfast and committed to its original mission with a clear direction and focus on one goal: to provide salary support to further the careers of gifted young cancer researchers and put an end to all cancers in our lifetime. We believe strongly that with the support of our donors and the precision by which our Scientific Review Committee evaluates each grant proposal, we remain on the right path. Concern has been at the forefront of supporting basic laboratory science focused on the body’s natural immune system and sustaining cancer research scientists since 1968, and we will continue to do all that we can to further the quest to one day conquer this disease.

Cancer remains a serious problem and a “concern” for everyone. We have learned over time and through research that cancer is not a single disease, but rather hundreds of different diseases. For every type of cancer, there appears to be multiple genetic pathways through which cancer can develop. Even within a single organ, cancer can adopt a variety of forms, and this is the reason cancer has become such a difficult disease to conquer. Science has found that even the current treatment options that have been discovered to work against one type of cancer in certain patients or organs may be ineffective in the same organ of another patient. So while today many cancer patients are winning their own personal battle with this disease and going on to live long and healthy lives, others are not so fortunate; and that is why our commitment remains steadfast to do all we can for as long as necessary.

This annual report gives us an opportunity to share and reflect on some of our past accomplishments by our cancer researchers and show just how far they have come thanks to your support in the fight against cancer. The independent audited financial report also will give you some insight to evaluate how efficient we are in putting your donations to the microscope without wasteful spending on overhead. Concern funded researchers have been quite productive with your dollars and we as an organization are no longer just an organization that depends on its signature Block Party as its primary means of raising funds. The growth of our organization and the accomplishments of our researchers are quite impressive; however we all know that there is still a long road ahead of us in unlocking the secrets about cancer and reaching further into our community to raise all of the necessary funds to accomplish our mission.

As President of Concern Foundation, I am proud to present this annual report reflecting our financial position and to share with you not only some of the discoveries in cancer research being done by the Concern supported cancer research scientists, but some of the new ways we are raising funds through our community partnerships and new events. I hope that you remain inspired and committed to Concern Foundation after reading through the information contained in this annual report.

We continue to work hard to keep our administrative overhead as low as possible so that we can grant more of your donated dollars directly to the researchers that need it the most.

Sincerely,

Derek Alpert
President
WHAT
Concern Foundation’s mission is to further the careers of gifted young cancer researchers (Assistant Professor or equivalent) whose work shows great promise, but may not be sufficiently advanced enough in their careers to justify major funding from the government or other larger funding sources. We focus on funding innovative minds that have a slightly different perspective in attempting to solve the mystery of cancer.

WHY
“We have reached the point of diminishing returns with the available cancer therapies... it’s no longer acceptable in the 21st century to deliver more chemotherapy or radiation. New, novel therapies are necessary.” Scientific Review Committee Member, Laurence Cooper, perhaps said it best when he stated the importance of providing start up grants to young investigators. We believe that a unique approach to looking at cancer will continue to fuel progress and effective therapies in the treatment of cancer. For 44 years, Concern Foundation has made it possible to transform new ideas from the mind of a researcher into fruitful innovations in cancer research.

HOW
New grant proposals are accepted every two years and undergo a rigorous peer review process. Potential applicants are pre-screened with a Letter of Intent, which ensures that only qualified investigators complete the thorough and detailed grant application. Each application is then administratively reviewed. A primary and secondary review follows by Concern Foundation’s Scientific Review Committee. Those applications that advance through these stringent levels are then discussed in further detail at the biennial Scientific Review Committee meeting.

Concern Foundation strives to recruit a cross-section of new and established cancer researchers who comprise our renowned Scientific Review Committee. These exceptional men and women guide our grant review process and help us select the top researchers from a competitive pool of applicants.

Each grant recipient is awarded a $50,000 grant. Provided that sufficient progress is achieved in the first year, Concern awards a second year grant of $50,000. It is the hope of the foundation that after two years of funding, Concern-sponsored researchers go on to publish their findings in major journals, obtain larger awards to further their work, and advance their positions at respected institutions around the United States and abroad.
Matthew Pratt, Ph.D.
Assistant Professor
Departments of Chemistry and Molecular and Computational Biology
University of Southern California

I received the Conquer Cancer Now award in 2012 and was fortunate enough to receive a second year of funding to support my research into the chemical modification of proteins in cancer cells. It is extremely challenging for new investigators to obtain funding and this task has become even more difficult with the current federal funding environment. Therefore, the support from the Concern Foundation was crucial to my success allowing me to purchase reagents and more importantly support two graduate students who represent the next generation of scientific discovery.

Specifically, the Conquer Cancer Now award allow us to study the modification of proteins by a small carbohydrate, termed O-GlcNAc modification (O-GlcNAcylation). O-GlcNAcylation is dramatically increased in several types of cancer and this increase is required for tumor formation. However, the specific roles of increased O-GlcNAcylation in cancer and exactly why O-GlcNAc modification are increased is still mysterious. We have generated significant data which show that changes in metabolism that are a fundamental hallmark of most cancers directly contribute to increased O-GlcNAcylation.

We hypothesize that understanding and inhibiting this link between metabolism and O-GlcNAc modification will open up new avenues for cancer therapies. Using the data that would have been impossible to collect without the Conquer Cancer Now award, we are seeking funding to continue our research.

Heather Christofk, Ph.D.
Assistant Professor, Molecular and Medical Pharmacology
Member of the UCLA Broad Stem Cell Research Center

I am extremely grateful to the Concern Foundation/Cancer Immunology Research Foundation for supporting my research on cancer metabolism. My lab studies the metabolic differences between normal cells and cancer cells and is increasingly reliant on sophisticated new technologies to measure metabolites called metabolomics. Funds from the Concern Foundation have helped me to advance metabolomics technologies at UCLA – technologies which benefit my lab as well as the entire campus community.

Preliminary data generated with the Concern Foundation support have helped us acquire a grant from the NIH to purchase a state-of-the-art mass spectrometer for metabolomics measurements. With this new instrument, we have established a UCLA Metabolomics Center and are currently deciphering differences in nutrient requirements and metabolic pathway usage in normal versus cancerous cells and tissues.

Defining the unique metabolic properties of cancer cells through metabolomics will enable us to improve diagnostic and treatment strategies for cancer patients.

Thank you for providing a crucial stepping stone for my cancer research program.
2010-2012 CONQUER CANCER NOW RECIPIENTS

**PEDIATRIC CANCER - Neuroblastoma**  
Shahab Asgharzadeh, M.D.  
Childrens Hospital Los Angeles  
Los Angeles, CA  
www.chla.org

**BRAIN CANCER**  
Steven Bensinger, V.M.D, Ph.D.  
University of California, Los Angeles  
Los Angeles, CA  
www.ucla.edu

**CANCER GENETICS**  
Patricia Dahia, M.D., Ph.D.  
UT Health Science Center at San Antonio  
San Antonio, TX  
www.uthscsa.edu

**BREAST CANCER**  
Andrea Dorfleutner, Ph.D.  
Co- Funded by The Save the Tatas Foundation  
Northwestern University  
Chicago, IL  
www.northwestern.edu

**BRAIN CANCER**  
Candelaria Gomez-Manzano, M.D.  
University of Texas M.D. Anderson  
Houston, TX  
www.mdanderson.org

**BREAST CANCER**  
Eva Gonzalez-Suarez, Ph.D.  
Co- Funded by The Save the Tatas Foundation  
Bellvitge Institute for Biomedical Research  
Barcelona, Spain  
www.pebc.cat  
www.idibell.cat

**CANCER GENETICS**  
Geraldine Guasch, Ph.D.  
Childrens Hospital Medical Center  
Cincinnati, OH  
www.cincinnatichildrens.org

**CANCER VISUALIZATION TOOLS**  
Zeynep Gumus, Ph.D.  
Joan & Sanford I. Weill Medical College of Cornell University  
New York, NY  
www.med.cornell.edu

**PROSTATE CANCER**  
Li Jia, Ph.D.  
Washington University in St. Louis  
St. Louis, MO  
www.wustl.edu

**PEDIATRIC CANCER - Leukemia**  
Yong-Mi Kim, Ph.D., M.D., M.P.H.  
Childrens Hospital Los Angeles  
Los Angeles, CA  
www.chla.org

**LEUKEMIA**  
Ya-Huei Kuo, Ph.D.  
Beckman Research Institute of the City of Hope  
Duarte, CA  
www.cityofhope.org

**LEUKEMIA**  
Richard Maser, Ph.D.  
The Jackson Laboratory  
Bar Harbor, ME  
www.jax.org

**LYMPHOMA**  
Nami McCarty, Ph.D.  
UT Health Science Center at Houston  
Houston, TX  
www.uthouston.edu

**PROSTATE CANCER**  
Mari Shinohara, Ph.D.  
Duke University Medical Center  
Durham, NC  
www.dukehealth.edu

**PEDIATRIC CANCER GENETICS**  
Vera Tarakanova, Ph.D.  
Medical College of Wisconsin  
Milwaukee, WI  
www.mcw.edu
Concern Foundation is proud to have been funding the Lautenberg Center at Hebrew University for over four decades now in the area of immunology research, focusing on 16 areas of cancer research including: Regulation of Tumor Suppression, Natural Killer Cells, Stem Cell involvement against Cancer & Transplantation, Production of Human Monoclonal Antibodies and new approaches to Develop A Vaccine to bolster the body’s natural immune system.

The following is a list of the 21 cancer researchers, post doctoral fellows and Ph.D students that are currently working in the laboratories of the Lautenberg Center thanks in whole or in part from the funds provided by Concern Foundation.

**Group Leaders**
Dr. Rami Aqeilin  
Prof. Michal Baniyash  
Prof. Yinon Ben-Neriah  
Prof. Ygal Haupt  
Prof. Ofer Mandelboim  
Prof. David Naor  
Dr. Eli Pikarsky  
Prof. Eitan Yefenof

**Ph.D. students**
Ariel Pribluda  
Dikla Lankri  
Elad Horowitz  
Eliran Ish Shalom  
Ella Elayada  
Gila Cohen  
Ido Bornstein  
Irit Manaster  
Mohammed Abu Adah  
Moshe Biton  
Moshe Sadeh  
Naama Kanerek  
Noah Stanietsky  
Orli Cohen  
Osnat Bertok  
Saleh Kwaled  
Shlomit Kfir Ehrenfeld  
Simona Hafetz-Sela  
Yaara Levav  
Yair Klinger

**Post Doctoral Fellows**
Dr. Lynn Wang  
Dr. Irit Alkalay-Snier  
Dr. Robert Goldstein  
Dr. Keren-Or Amar

Ongoing Research Endowment: Lautenberg Center
Concern Foundation’s Ongoing Cancer Research Support at the Karolinska Institute in Stockholm, Sweden under the direction of Professor George Klein, M.D.

Concern Foundation with matching funds from CRI (Cancer Research Institute) are currently supporting 20 cancer research scientists focused on 5 specific areas of cancer research. The following are those specific scientific areas and the researchers that are performing their studies.

AREA A: EPSTEIN-BARR VIRUS (EBV) AND KAPOSI SARCOMA HERPESVIRUS (HHV-8)

**Molecular studies of viral latency and transformation:**
Elena Kashuba
Surya Pavan
Suhas Darekar
Emil Khaibulin
Liang Wu
Gyorgy Stuber

**EBV - host cell interactions:**
Lorand Levente Kis
Daniel Salamon
Li Fu Hu

**Co-culture** - The non-inhibitory prostate fibroblasts express smooth-muscle actin (GREEN) both when they are cultured alone and when in co-culture with A549-lung carcinoma cells (PINK nuclei). Both cell types are stained with Hoechst (blue nuclei).

**EBV** - Presence of EBV specific T cell responses in infected humanized mice (mice that have been reconstituted with human immune system). Total splenocyte populations (T and B cells) of EBV infected humanized mice were plated with or without the cell inhibitor cyclosporine A (CsA). After 4 weeks, individual wells were photographed to record the size of the growing clumps representing EBV transformed cells that survived the specific T cell control. Growth of the EBV transformed cells occurred when the T cells were inhibited by CsA (right side of the picture), while these EBV infected B cells did not grow in the presence of T cells (control). This growth pattern proves the existence of EBV specific T cells in the spleen.

AREA B: ONCOGENES AND TUMOR SUPPRESSOR GENES

**Myc activation in tumors:**
Nikolay Zinin
Inga Muller

**Discovery and analysis of new suppressor genes on the short arm of human chromosome 3:**
Stefan Imreh
Maria Alimova
Alecia Viklund
Patricia Rodriguez
Elvira Grigorieva

AREA C: TUMOR IMMUNOLOGY

Noemi Nagy
Harsha Madapura
Anquan Liu

AREA D: CYTOTOXIC DRUG SENSITIVITY

Gyorgy Stuber

AREA E: INHIBITION OF TUMOR CELL GROWTH BY STROMA CELLS

Laszlo Markasz

**Laszlo & Emillie** - George Klein’s and Laszlo Szekely’s group, working on tumor resistance, particularly the inhibitory activity of normal fibroblasts on tumor cells.

**George & Noemi** - George Klein with Noemi Nagy, senior fellow in Eva Klein’s group. The following illustration exemplifies part of her project: EBV
Saturday, July 14th marked the 38th Annual Block Party Fundraiser for Concern Foundation. Raising over $1.5 Million dollars for cancer research, the organization is proud to announce that it was one of the most successful events in the organization’s 44 year history.

The Theme, “Oh What a Night” celebrated the 60th anniversary of the birth of Rock and Roll, and brought people to their feet dancing to the tunes of the times played by the Tom Nolan Band, The Wonderelles, DJ Dwayne of D’ City Productions and the local rock band House Fire. Dancers, singers, car hops and Hoop-It-Up hulu-hoopers entertained throughout the evening.

This year’s honoree was Lance Freed, President of Rondor Music Publishing (a division of Universal Music Publishing Group), and son of the famous DJ Alan Freed, who is widely credited with coining the term “Rock and Roll” to describe the R&B records he played in 1951 on Cleveland’s WJW. Freed called himself “the Moondog” and his 1952 Moondog Coronation Ball in Cleveland is cited by Rock historians as the nation’s first rock and roll concert.

Concern had over 3,500 people attend this year enjoying the vibe of the rock and roll era. With over 50 restaurants, catering operations, cocktail, coffee, wine and dessert stations serving their signature items, not a guest went hungry.

For the 8th year, Concern partnered with Los Angeles magazine as the event’s official media sponsor, helping the organization raise awareness for their mission as well as to secure additional funds from their readers and to celebrate the magazine’s Best of LA 2012 August issue.

Team Concern in LA and NYC

2012 marked the 3rd consecutive year for Team Concern’s participation as an Official Charity of the LA Marathon and 2nd year as an official charity of the NYC Marathon. Team Concern successfully raised nearly $120,000 for cancer research between the LA Marathon and 5k around Dodger Stadium on March 16th, and raised nearly $13,000 for the NYC Marathon. With nearly 300 participants crossing a finish line since 2010, Team Concern has raised almost $300,000 for cancer research and has become an integral part of the organization’s involvement in the Los Angeles community.
Universal Studios hosts 24th Annual “Day for the Kids”

Concern’s Annual “Day for the Kids” at Universal Studios Hollywood was held on Sunday, October 21st. Thanks to the generosity of Universal Studios Hollywood and their Foundation, Discover-a-Star, 300 pediatric cancer patients and a guest of their choice spent the day enjoying the theme park. With over 50 volunteers leading groups around Universal Studios, the kids enjoyed a private Studio Tour tram ride, a catered lunch in the Globe Theater, front of the line “priority passes” for every guest and a fun filled day at the amusement park, completely free of charge. As always, there was much enthusiasm and excitement as these kids got to spend a day with their peers and volunteer mentors.

Concern’s Annual Holiday Party at Paramount Studio

December 16th marked Concern Foundation’s 26th Annual Holiday Party for pediatric cancer patients and their families. Held at the Paramount Pictures Theater, over 500 guests attended, all pediatric cancer patients and their entire families, for a rainy but fun-filled day starting with a private screening of Rise of the Guardians. Santa Claus came to be photographed with all of the guests by Brian Kramer photography. DJ Dwayne and his awesome dancers filled the floor and got the energy going in the foyer of the theater to really set the tone for the party. Thanks to an incredibly successful toy drive, Concern was able to provide every guest with toys and presents. A special thanks to John Ferdenzi and Town & Country Event Rentals for the gorgeous decor elements that brought life to the party. Beauty Bus Foundation for providing beauty treatments for our guests. Island Ink temporary Tattoos, 3-D Cheeze, Cookies for a Koz, Factor’s Famous Deli, Which Wich, PopChips, Love Cakes, and all of our fantastic volunteers that helped to make the day as extraordinary as it was.

We are thankful for the support and generosity of our community partners who helped Concern Foundation further our mission to CONquer canCER Now in 2011.
## Financials - YEAR ENDING DEC 31, 2012

**CONCERN FOUNDATION**  
**dba CANCER IMMUNOLOGY RESEARCH FOUNDATION AND SUBSIDIARY**  
(A NONPROFIT ORGANIZATION)  
CONSOLIDATING STATEMENT OF FINANCIAL POSITION  
December 31, 2012

### ASSETS

<table>
<thead>
<tr>
<th>Assets</th>
<th>Concern Foundation</th>
<th>Concern Foundation Holding, LLC</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and cash equivalents</td>
<td>$ 398,282</td>
<td>$ 3,387</td>
<td>$ 401,669</td>
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<tr>
<td>Investments</td>
<td>$ 2,830,570</td>
<td>-</td>
<td>$ 2,830,570</td>
</tr>
<tr>
<td>Pledges receivable, net</td>
<td>$ 196,075</td>
<td>-</td>
<td>$ 196,075</td>
</tr>
<tr>
<td>Beneficial interest in charitable remainder trusts</td>
<td>$ 238,388</td>
<td>-</td>
<td>$ 238,388</td>
</tr>
<tr>
<td>Property and equipment, net</td>
<td>$ 5,583</td>
<td>-</td>
<td>$ 5,583</td>
</tr>
<tr>
<td>Other assets</td>
<td>$ 68,608</td>
<td>-</td>
<td>$ 68,608</td>
</tr>
</tbody>
</table>

**Total assets**  
$ 3,737,506  
$ 3,387  
$ 3,740,893

### LIABILITIES AND NET ASSETS

**Liabilities**

<table>
<thead>
<tr>
<th>Liabilities</th>
<th>Concern Foundation</th>
<th>Concern Foundation Holding, LLC</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grants payable</td>
<td>$ 510,000</td>
<td>$ -</td>
<td>$ 510,000</td>
</tr>
<tr>
<td>Accounts payable and accrued expenses</td>
<td>$ 28,875</td>
<td>-</td>
<td>$ 28,875</td>
</tr>
<tr>
<td>Deferred revenue</td>
<td>$ 196,075</td>
<td>-</td>
<td>$ 196,075</td>
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</tbody>
</table>

**Total liabilities**  
$ 734,950

**Commitments**

**Net assets**

<table>
<thead>
<tr>
<th>Net assets</th>
<th>Concern Foundation</th>
<th>Concern Foundation Holding, LLC</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undesignated</td>
<td>$ 15,971</td>
<td>3,387</td>
<td>19,358</td>
</tr>
<tr>
<td>Board-designated</td>
<td>$ 800,000</td>
<td>-</td>
<td>800,000</td>
</tr>
</tbody>
</table>

**Total unrestricted**  
$ 815,971  
3,387  
$ 819,358

| Temporarily restricted                                                     | $ 266,213          | -                               | 266,213 |
| Permanently restricted                                                     | $ 1,920,372        | -                               | 1,920,372 |

**Total net assets**  
$ 3,002,556  
3,387  
$ 3,005,943

**Total liabilities and net assets**  
$ 3,737,506  
$ 3,387  
$ 3,740,893
## Revenue and support

<table>
<thead>
<tr>
<th>Description</th>
<th>Concern Foundation</th>
<th>Concern Foundation Holding, LLC</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Contributions</td>
<td>$ 420,229</td>
<td>$</td>
<td>$ 420,229</td>
</tr>
<tr>
<td>Special events, net</td>
<td>876,725</td>
<td>-</td>
<td>876,725</td>
</tr>
<tr>
<td>Campaign</td>
<td>40,503</td>
<td>-</td>
<td>40,503</td>
</tr>
<tr>
<td>Interest and dividend income</td>
<td>127,073</td>
<td>-</td>
<td>127,073</td>
</tr>
<tr>
<td>Partnership income</td>
<td>29,043</td>
<td>-</td>
<td>29,043</td>
</tr>
<tr>
<td>Decrease in value of charitable remainder trusts</td>
<td>16,093</td>
<td>-</td>
<td>16,093</td>
</tr>
<tr>
<td>Net unrealized loss on investment</td>
<td>10,223</td>
<td>-</td>
<td>10,223</td>
</tr>
<tr>
<td>Membership</td>
<td>1,800</td>
<td>-</td>
<td>1,800</td>
</tr>
<tr>
<td>Net assets released from restrictions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Satisfaction of temporary restrictions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total revenue and support</td>
<td>1,521,689</td>
<td>-</td>
<td>1,521,689</td>
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</tbody>
</table>

## Functional expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Concern Foundation</th>
<th>Concern Foundation Holding, LLC</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program services</td>
<td>1,572,611</td>
<td>-</td>
<td>1,572,611</td>
</tr>
<tr>
<td>Management and general</td>
<td>67,175</td>
<td>-</td>
<td>67,175</td>
</tr>
<tr>
<td>Fundraising</td>
<td>191,196</td>
<td>-</td>
<td>191,196</td>
</tr>
<tr>
<td>Total functional expenses</td>
<td>1,830,982</td>
<td>-</td>
<td>1,830,982</td>
</tr>
</tbody>
</table>

## Change in net assets

<table>
<thead>
<tr>
<th>Description</th>
<th>Concern Foundation</th>
<th>Concern Foundation Holding, LLC</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change in net assets</td>
<td>(309,293)</td>
<td>-</td>
<td>(309,293)</td>
</tr>
</tbody>
</table>

## Net assets, beginning of year

<table>
<thead>
<tr>
<th>Description</th>
<th>Concern Foundation</th>
<th>Concern Foundation Holding, LLC</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net assets, beginning of year</td>
<td>3,311,849</td>
<td>3,387</td>
<td>3,315,236</td>
</tr>
</tbody>
</table>

## Net assets, end of year

<table>
<thead>
<tr>
<th>Description</th>
<th>Concern Foundation</th>
<th>Concern Foundation Holding, LLC</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net assets, end of year</td>
<td>$ 3,002,566</td>
<td>$ 3,387</td>
<td>$ 3,005,943</td>
</tr>
</tbody>
</table>
CONQUER CANCER NOW!

1026 So. Robertson Blvd., Suite #300
Los Angeles, CA 90035
Voice: (310) 360-6100 • Fax: (310) 360-6105
e-mail: info@concernfoundation.org
www.concernfoundation.org
Please consider Concern Foundation in your estate plan.