

**Society of Integrative Oncology Sixth International Conference
New York Academy of Medicine
November 12 and 13, 2009
Revitalizing Cancer Care:
Comprehensive Interdisciplinary Programs and Whole Systems Research**

Thursday, November 12, 2009

- 7:30 AM- 8:00 AM Breakfast/Exhibits
- 8:00 AM- 8:30 AM **Introduction/Welcome**
Stephen Sagar (Juravinski Cancer Center)
Kara Kelly (Columbia University)
Debra Barton (Mayo Clinic)
- 8: 30 AM – 9:20 AM **Keynote Lecture:**
Moderator: Donald Abrams (UCSF)
**“The Power of Comprehensive Lifestyle Changes”
Dean Ornish, UCSF**
- 9:20 AM – 10:00 AM **Keynote Lecture:**
Moderator: Lorenzo Cohen (MD Anderson Cancer Center)
**“Whole Systems Research in Integrative Oncology: What is
it?
Why do we need it?”
Marja Verhoef, University of Calgary**
- 10:00 AM – 10:30 AM Break/Exhibits
- 10:30 AM – 12:00 PM **Session 1: Ayurveda**
Moderator: Debra Barton (Mayo Clinic)
- a) Theory/Practice (Sivarama Prasad Vinjamury, Southern California University of Health Sciences) (30 min)
 - b) Research Overview (Anand Dhruva, UCSF) (30 min)
 - c) Abstracts (20 min)

A13	The Effects of Pranic Breathing on Maximal Respiratory Pressures, Fatigue and Quality of Life of Individuals with Multiple Sclerosis	<u>Elizabeth Harper</u>
SH68	Potentialiation of etoposide and temozolomide cytotoxicity by curcumin and Turmeric Force™ in brain tumor cell lines	<u>Cheppail Ramachandran</u> , Anna P. Resek, Anat Aviram, Enrique Escalon, Ziad Khatib, and Steven J. Melnick

- d) Critical Review/Summary of Level of Evidence/Research Direction (Debra Barton, Mayo Clinic) (5 min)
- e) General Discussion/Comments (5 min)

12:00 PM – 1:00 PM

Special Lecture

Lunch Sponsored by Dana Farber Cancer Institute

Moderator: Stephen Sagar (Juravinski Cancer Center)

Anticancer!

David Servan-Schreiber MD, PhD (University of Pittsburgh)

1:00 PM – 2:30 PM

Session 2: Naturopathy

Moderator: Heather Greenlee (Columbia University)

- a) Theory/Practice (Dan Labriola, Northwest Natural Health Specialty Care Clinic) (30 min)
- b) Research Overview (Dugald Seely, The Canadian College of Naturopathic Medicine) (30 min)
- c) Abstracts (20 min)

N51	The safety and effectiveness of Lovaza® (omega-3-acid ethyl esters), in reducing loss of lean body mass in early phases of Cancer Cachexia in patients diagnosed with Lung Cancer	<u>Nagi Kumar</u> , Theresa Crocker, Tiffany Smith, Eduardo Sotomayor, Martine Extermann, Lodovico Balducci, Ritchie Reich, Kyle Dalton, Gerold Bepler.
SH57	Pluripotent Activity of Resveratrol in the Context of Integrative Oncologic Care	Donald Braun, Derek Johnson, Nicolas Katsantonis, Timothy Birdsall, Edgar Staren

- d) Critical Review/Summary of Level of Evidence/Research Direction (Heather Greenlee, Columbia University) (5 min)
- e) General Discussion/Comments (5 min)

2:30 PM - 4:00 PM

Concurrent Sessions

- 1) **Preferred Abstracts:** Moderators: Gwen Wyatt, Elizabeth Dean-Clower

C25	Declining one or more conventional cancer treatments and using CAM: A case-controlled study of women with breast cancer	<u>Marja Verhoef</u> , Emily McKenzie, Andrea Mulkins, Sarah Rose, Chris Badjik, Jawaid Younous, Rona Achilles
R48	A Longitudinal Study of Quality of Life in an Integrative Cancer Treatment Setting: the Cancer Treatment Centers of America Experience	<u>Christopher Lis</u> , Mark Rodeghier, James F Grutsch, Norine Oplt, Carol Wages, Jody Wehrwein, Digant Gupta
SH60	Evaluation of safety and efficacy of active hexose correlated compound (AHCC) in combination with liposomal doxorubicin	<u>Rodney J. Hunter</u> , Jing Hong Chen, Hajime Fugii, Koji Wakame, Judith A. Smith.
SH77	Supportive Care for Patients with Pancreatic Carcinoma: Symptom Control and Overall Survival by Gemcitabine/Iscador Protocol. A Controlled Retrospective Clinical Study	<u>Kurt S. Zaenker</u> , Harald Matthes, Paul R. Bock.

H27	The Banerji Protocols: Disease-Specific Homeopathic Medicines for Primary Treatment of Cancer	<u>Prasanta Banerji</u> , Pratip Banerji, Barbara Sarter
H29	The homeopathic regimen, Ruta 6/Calc Phos, on tumor growth and survival using a PDGF driven rodent model of glioblastoma	<u>Peter Canoll</u> , Aaron Tannenbaum, Jeff Bruce, Marcela Assanah, Elena J Ladas, Kara M Kelly.

2) Integrative Oncology Education and Training Across Disciplines

Moderator: Suzanne Hanser (Berklee School of Music)

- Integrative Oncology Residency/Fellowship training (Donald Abrams, UCSF)
- Naturopathy (Tim Birdsall, Oncology Association of Naturopathic Physicians)
- Music Therapy (Suzanne Hanser, Berklee School of Music)
- Massage Therapy (Curtiss Beinhorn and Sat-Siri Sumler, MD Anderson Cancer Center)
- Traditional Chinese Medicine (Katherine Taromina, Touro College School of Health Sciences)

4:00 PM-4:30 PM

Break/Exhibits

4:30 PM – 6:00 PM

Best of SIO Preferred Abstracts

Moderator: Kara Kelly (Columbia University)

A11	Randomized controlled trial of acupuncture for the prevention of radiation-induced xerostomia	<u>Zhiqiang Meng</u> , Joseph Chiang, Kay Garcia, Luming Liu, Chaosu Hu, Huiting Peng, Mark Chambers, David Rosenthal, Jennifer McQuade, Ying Zhang, Lorenzo Cohen
H31	The Efficacy of the Homeopathic Agent Traumeel S® in the Prevention and Treatment of Mucositis in Children Undergoing Stem Cell Transplantation	<u>Susan F. Sencer</u> , Menachem Oberbaum, Zhengjia Chen, Tianni Zhou, Wayne B. Jonas, John A. Ives, Lolie Chua Yu, Thomas Williams McLean.
E32	Biofield vs Mock Healing for Cancer-Related Fatigue, Immune and Hormonal Function: Effects of Treatment Guess on Outcomes	<u>Shamini Jain</u> , Janet Distefan, Desiree Pavlik, Julia Acer, Tamara Goldsby, Paul J. Mills.
M35	Genomic changes induced by the relaxation response counter genomic dysregulation of several cancers	<u>Manoj Bhasin</u> , Jeff Dusek, Bei Chang, Gregory Fricchione, Herbert Benson, Towia A Liberman
C18	Integrative medicine for oncology patients at Abbott Northwestern Hospital	<u>Jeffery A Dusek</u> , Lori Knutson, Gregory A. Plotnikoff, Mimi Lindell, Jan Boettcher, Christian Hanson, Tony Balluff, Barbara Hopperstad, Michael Finch.

SH67	Development and evaluation of a cardiac glycoside extract (PBI-05204) as a novel anticancer agent	Robert Newman, Peiying Yang, Savita Bidyasar, Crandell Addington, David Hong.
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6:00 PM – 7:30 PM

Poster Session/Reception

Abstract number	Abstract Title	Authors
Reviews		
R42	Moxabustion For Cancer Care: A Systematic Review	Meyong Soo Lee, Tae-Young Choi, Ji-Eun Park, Song Shi Lee, Edzard Ernst
R45	Whole as Complex / Limited as Partial:Unravelling Reality-Method Metonymies in Cancer RelatedCAM/IM/Whole Systems Research	Anette Forss, RN, PhD
R46	Cancer-induced Cachexia: A guide for the Oncologist	Norleena Gullett, Dr. Peter Rossi, Dr. Omer Kucuk, Dr. Peter Johnstone
R47	A multivariate analysis of the effect of cancer symptoms on survival in colon cancer	Christopher G. Lis, Mark Rodeghier, James Grutsch, Digant Gupta
Care Delivery		
C15	Integrative Oncology in Latin America	Leila Kozak, PhD., W. Collinge, PhD; M. Garcia Mata, Oncology LMP; R. Mertnoff, MD; P. Mountford, MD and ML Nasi, MD.
C17	Improving the Comprehensive Care Offered to Hospitalized Patients with Cancer	Anne Doherty-Gilman, MPH, Bambi Mathay, LMT, Eileen Molina, MS, RN, Carolyn Hayes, PhD, RN, Elizabeth Dean-Clower, MD, MPH, David S. Rosenthal, MD
C19	Complementary and Alternative Services for Symptom Management in Children with Cancer	Fitzgerald, Maura, Timothy Culbert, Lynda Richtsmeir, Susan Sencer, Marsha Finkelstein
C22	Caring for Each Other: A pilot training for Cancer Patients and their Caregivers at the Massachusetts General Hospital Cancer Center	Irene Martyniuk, Katie Binda, Michelle Boutin,
C23	Patient-Education Preferences and Advance Directives in the	Vincent M. Moretti, M.D., John A. Realyvasquez,

Abstract number	Abstract Title	Authors
	Oncologic Population	Richard D. Lackman, M.D.
C24	Adapting integrative oncology to developing countries	Laura Nasi, Pablo Mountford, Leila Kozak, Mariana Garcia Mata, Maximo de la Vega, Rosa Mertnoff, Ruben Kowalyszyn, Enrique Dian Conton, Gonzalo Recondo, Gabriela Balogh, Lourdes Lucas
C26	Understanding cancer patients' pathways of care	Marja Verhoef, Mary Koithan, Lynda Valneaves, Gro Berntsen, Angela Devidson, Andrea Mulkins, Emily McKenzie, Mikel Aickin, Terje Risberg, Kristin Jensen, Tom Snodgrass
C99	Integrative Oncology (IO) in Argentina today. ASOI* (Iberoamerican Association of Integrative Oncology); a bridge between present and future in IO for Latin countries	Pablo Mountford, ML Nasi, L Kozak, M Garcia Mata, M de la Vega, R Mertnoff, R Kowalyszyn, E Díaz-Cantón, G Recondo, G Balogh, L Lucas.
Mind Body		
M38	Mindful movement program: integration of body, mind, and spirit for breast cancer survivors	Rebecca Crane-Okada, Holly Kiger, Fred Sugerman
Energy Therapies		
E34	Development and test of an energy assessment tool	Gwen K. Wyatt, Alla Sikorskii
Traditional Chinese Medicine		
T80	The cancer terrain: rebalancing the internal biochemical environment	Keith I. Block, Charlotte Gyllenhaal, Mark Myers
T82	Multimodal Treatment of Pancreatic cancer with liver metastases using chemotherapy, radiation therapy	Luming Liu
T85	Beliefs about Yoga Scale Development	Stephanie J. Sohl, PhD, Julie B. Schnur, PhD, Kathryn Suslov, MD, Leslie Daly, MS, Guy H. Montgomery, PhD

Abstract number	Abstract Title	Authors
Acupuncture		
A1	Acupuncture for uncontrolled pain among cancer patients: a feasibility study	M. Kay Garcia, DrPH, Larry Driver, MD, Moshe Frenkel, MD, J. Lynn Palmer, PhD, Joseph Chiang, MD, Lorenzo Cohen, PhD
A2	Do Comprehensive Cancer Center Patients Desire Acupuncture and Pet Therapy Services?	Randall F. Holcombe, Kelly Biegler PhD, Jamie J.E. Kim, Emma Cooper, Marianne Lovejoy, RN, Lari Wenzel, PhD, Edward L. Nelson MD
A4	Pilot Trial of Acupuncture for Objective and Subjective Hot Flashes and Sleep Disturbance in Breast Cancer Survivors	Johnstone, Peter, Julie Otte and Janet Carpenter
A5	Laser acupuncture for the treatment of psychoemotional and physical symptoms in oncology patients	Keila Morris, Robert H. Riffenburgh, PhD, Keila Morris
A7	Acupuncture for treating hot flushes in men with prostate cancer: a systematic review	Myeong Soo Lee, Kun-Hyung Kim, Sun-Mi Choi, Byung-Cheul, Ezard Ernst
A8	Current Status of International Oncology Acupuncture Trials: Search Results of Clinical Trial Registries	Weidong Lu, Meng Lu, Anne Doherty-Gilman, MPH Elizabeth Dean-Clower, MD, MPH, David S. Rosenthal, MD
A10	Efficacy of Acupuncture in Lymphedema Reduction: A Preliminary Report	Amy L Matecki, Carmencita Mercado-Poe Ed, Jill Ji Chen MD, Lisa Bailey MD, Martha Tracy MD, Ming Kuan MD, Gary Ceechi MD, David Irwin MD
A12	Variables associated with the acceptance of acupuncture among children with cancer: an interim analysis	Cristina Poscablo, Alexa Weitzman, Elena J. Ladas, Diane Rooney, Deborah H. Ndao, Evelyn Li, Kathy Taromina, Kara M. Kelly
Specific Herbs		
SH55	Evaluation for anti-tumor promoting properties of healthy tea, <i>Coix lachryma-jobi</i> ext.	Arai, Takanari, Hirotaka Hayashi, Strong Jeffry Michael, Harukuni

Abstract number	Abstract Title	Authors
		Tokuda, Nobutaka Suzuki
SH58	Antitumor Effects of a compound isolated from <i>Pteris Semipinnata</i> LINN (PSL)	George G. Chen, Jackie Leung, Chun Shan Lo, Billy C.S. Leung, Ursula F. Chan, Malcolm J. Underwood, Alexander C. Vlantis, C. Andrew van Hasselt, Paul B.S. Lai
SH61	Anti-proliferative effect of epigallocatechin 3-gallate (EGCG) in combination with cancer chemotherapy on human malignant melanoma.	DM Johnson, NG Katsantonis, TC Birdsall, ED Staren, DP Braun
SH62	Chemopreventive Effect of <i>Curcuma Longa</i> Linn. On Liver Pathology in HBV X Protein Transgenic Mice	Jungsun Kim, Hye-Lin Ha
SH65	A proprietary extract of North American ginseng (<i>Panax quinquefolius</i>) administered to leukemic, juvenile mice extends their life span in a dose-dependent manner.	Sandra Miller, Danielle Delorme, Jacqueline J. Shan
SH66	Effect of a novel wild Alaskan Salmon oil product (Wholemega TM) on human lung cancer eicosaroid metabolism	Newman, Robert, , Taryn Forrelli, Jennifer Toomey, Graham Rigby, Tom Newmark, Paul Schulick, Peiyang Yang
SH69	Chemopreventative components from Brazilian medicinal plant, <i>Tabebuia Avellandae</i>	Harukuni Tokuda, Masafumi Kaneko, Mitsuaki Kaneoko, Nobutaka Suzuki
SH71	Molecular characterization of cultivated wild ginseng pharmacopuncture (CWGP) extracts playing strong anticancer activity against lung cancer cells	Ik Soon Jang, Jong-Soon Choi
SH72	Induction of apoptosis and inhibition of telomerase activity in human lung carcinoma cells by the water extract of <i>Cordyceps militaris</i>	Sang-Eun Park, Hwa-Seung Yoo, Yung-Hyun Choi
SH73	Impact of Standardized <i>Rhus verniciflua</i> Stokes Extract as Complementary Therapy on Stage □ Gastric Cancer: A Korean Single-	Seong woo Yoon, Seong ha Cheon, Wan kyu Eo, Hyun sik Jung, Sang hun Lee, Lyn ki Hyun, Hyun suk

Abstract number	Abstract Title	Authors
	Center Experience	Choi, Kyung suk Kim, Sehyun Kim, Won cheol Choi
SH75	Cell cycle arrest and induction of apoptosis in pancreatic cancer cells exposed to Huachansu in vitro	Xiaoyan Zhu, Zhiqiang Meng, Zhen Chen, Junhua Lin, Luming Liu
Naturopathy		
N52	Integrated lifestyle intervention on metabolic parameters for the prostate cancer patient receiving androgen deprivation therapy	Kazuhisa Maeda, Kazuo Nishimura, Norio Nonomura, Akihiko Okuyama, Ryoko Sumi, Miki Sakaue, Yasuaki Sanada, Kei Hirai, Fumihiko Fukuda, Naoto Isizaki, Toshinori Ito
Homeopathy		
H30	Anthroposophic Medicine in Paediatric Oncology in Germany: Results of a population-based retrospective parental survey	Laengler, Alfred, Claudia Spix, Friedrich Edelhäuser, David D. Martin, Genn Kameda, Peter Kaatsch, Georg Seifert
Miscellaneous		
MI49	Cryoablation of Recurrent or Metastatic Tumors in Soft-Tissue	Vincent M. Moretti, M.D., John A. Realyvasquez, Eileen A. Crawford, M.D.; Joseph J. King, M.D.; Richard D. Lackman, M.D.

Friday, November 13, 2009

7:00 AM – 8:00 AM

1) Networking Breakfast Session

2) Breakfast Satellite Session Sponsored by Genentech:

Targeting Angiogenesis: Pharmaceutical and Nutraceutical Approaches

Moderator: Donald I. Abrams, MD

Update on Pharmaceutical Inhibition of Tumor Angiogenesis (Julia Glade Bender, Columbia University)

Nutraceutical Inhibition of Tumor Angiogenesis (Stephen Sagar (Juravinski Cancer Center))

8:00 AM – 8:30 AM

SIO Business Meeting

8:30 AM – 9:15 AM

Keynote Lecture:

Moderator: Peter Johnstone (Indiana University)

“Pursuing Placebo: From Noise to Signal”

Ted Kaptchuk (Harvard Medical School)

9:15 AM – 10:45 AM

Session 3: Traditional Chinese Medicine

Moderator: Simon Yeung (Memorial Sloan Kettering Cancer Center)

a) Theory/Practice (Jonathan Daniel, Pacific College of Oriental Medicine) (30 min)

b) Research Overview (Helene Langevin, University of Vermont) (30 min)

c) Abstracts (20 min)

A9	Acupuncture improves social function in ovarian cancer patients undergoing chemotherapy, updated results from a randomized sham-controlled trial	<u>Weidong Lu</u> , Ursula Matulonis, Julie Dunn, Hang Lee, Anne Doherty-Gilman, Elizabeth Dean-Clower, Peter Wayne, Richard T. Penson, David S. Rosenthal.
T81	In Vitro Cytotoxic Activity of Arnebia Indigo jade and Pearl Ointment in Human Papilloma Virus (HPV)- associated Cervical Cancer Cell lines	Naomi Jay, Amy Johnson, Karen Smith McCune, Margaret Takedo, <u>Misha Cohen</u>

d) Critical Review/Summary of Level of Evidence/Research Direction (Simon Yeung, Memorial Sloan Kettering Cancer Center) (5 min)

e) General Discussion/Comments (5 min)

10:45 AM - 11:15 AM

Break

11:15 AM- 12:30 PM

Concurrent Sessions

1. Preferred Abstracts: Basic Science

Moderators: Steven Melnick, (Miami Children’s Hospital), Peiying Yang (MD Anderson Cancer Center)

SH56	Dietary Sulforaphane is a Potent	<u>Reza Bayat Mokhtari</u> , Herman
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	Natural Histone Deacetylase Inhibitor of Growth in Neuroblastoma	Yeger, Gideon Koren, Sylvain Baruchel
SH59	Sho-sai-ko-to (Xiao-chai-hu-tang) for chronic hepatitis C: a single arm phase II trial	<u>Gary Deng</u> , Andrew Vickers, Simon Yeung, James Lozada, Stacey Guillen, Jinru Shia, Robert Kurtz, Barrie Cassileth
SH63	Curcumin: from the Lab to the Clinic	<u>Shahar Lev-Ari</u>
SH64	Immunotherapeutic effect of (1,4)- α -D-glucan from <i>Tinospora cordifolia</i> in a mouse Ehrlich ascites tumor model <i>in vivo</i>	<u>Steven J. Melnick</u> , Anna P. Resek, Anat Aviram, Cheppail Ramachandran.
SH70	The anti-angiogenic activity of sweet leaf tea extract is mediated by the down-regulation of bFGF and VEGF receptor	<u>Peiyong Yang</u> , Zhijun Liu, Carrie Cartwright, Jibin Ding, Dong Liu, Robert A. Newman

2. Preferred Abstracts: Clinical

Moderators: Norleena Gullett, Janice Post-White

E33	Healing Touch and Health-Related Quality of Life in Women with Breast Cancer receiving Radiation Therapy	<u>Lisa Schnepfer</u>
M36	Pre-surgical Stress Management Improves Post-operative Immune Function in Men with Prostate Cancer Undergoing Radical Prostatectomy	<u>Lorenzo Cohen</u> , Patricia A. Parker, Luis Vence, CherylN Savary, Diane Kentor, Curtis Pettaway, Richard Babaian, Louis Pisters, Brian Miles, Qi Wei, Leslie Wiltz, Tejal Patel, Laszlo Radvanyi
M37	Randomized controlled trial of family caregiver use of massage as supportive cancer care following multimedia instruction	<u>William Collinge</u> , Janet Kahn, Tracy Walton, Kenneth Fletcher.
M41	Impact of Medical Qigong on quality of life, fatigue, symptoms, mood and inflammation in cancer patient: A randomized controlled trial	<u>Byeangsang Oh</u> , Barbar Mullan, Stephen Clarke, Philip Beale, Nick Pavlakis, Lawrence Lam, Phyllis Butow
R44	The use of Traditional Complementary/Alternative Modalities (TCAM) among children with cancer residing in Guatemala	<u>Nader Kim El-Mallawany</u> , Silvia Rivas, Federico Guillermo Antillon Klussman, Deborah Hughes Ndao, Elena Ladas, Kara M. Kelly

12:30 PM -1:30 PM

**Lunch Satellite Session Sponsored by Afexa:
Ginseng for Supportive Care in Cancer Treatment**

Moderator: Susan Sencer (Childrens Minneapolis)
Kevin High (Wake Forest)
Debra Barton (Mayo Clinic)

1:30 PM – 3:00 PM

Session 4: Homeopathy

Moderator: Michelle Kohn (Integrated Cancer Care)

- a) Theory/Practice (Moshe Frenkel, MD Anderson Cancer Center) (30 min)
- b) Research Overview (Wayne Jonas, Samueli Institute) (30 min)
- c) Abstracts (20 min)

H28	Cytotoxic effects of homeopathic remedies on proliferation of breast cancer cells	<u>Peiyang Yang</u> , Bal Mukund Mishra, Subrata Sen, Alison Pawlus, Luis Vence, Aimee Leblanc, Lorenzo Cohen, Pratip Banerji, Prasanta Banerji
H79	Classical Homeopathy in the Treatment of Cancer Patients – a Prospective Observational Study of Two Independent Cohorts, Including the Formation of Matched Pairs	<u>Matthias Rostock</u> , J Naumann, C Guethlin, L Guenther, HH Bartsch, H Walach

- d) Critical Review/Summary of Level of Evidence/Research Direction (5 min)
- e) General Discussion/Comments (Michelle Kohn, Integrated Cancer Care 2) (5 min)

3:00 PM – 3:30 PM

Break/Exhibits

3:30 PM – 4:30 PM

Integrative Healthcare: Towards a Science of Personalized Medicine

Moderator: Wendy B. Smith (National Institutes of Health)

Panel:

Jeffrey Dusek (Abbott Northwestern Hospital)

Benjamin Kligler (Beth Israel Department of Integrative Medicine)

Brian D. Lawenda (Uniformed Services University of the Health Sciences, Indiana University)

4:30 PM – 5:15 PM

Whole Systems Into Practice: Summary and Future Visions (3 minute statements) and 20 minutes for audience questions or comments.

Moderators: David Rosenthal, Stephen Sagar; Marja Verhoef; Peter Heusser; Dan Labriola; Jonathan Daniel; Moshe Frenkel ; David Servan-Schreiber.

5:15 PM – 5:30 PM

Closing Session

President Elect: Donald Abrams (UCSF)

7:30 PM

Banquet at Metropolitan Club