

Advanced Applications in Medical Practice

Theme: Integrative and Naturopathic Oncology for the 21st. Century

Friday:

Morning Focus: Why Metabolic Oncology is Critical to Better Outcomes

7:00 - 8:00 AM **BREAKFAST - Organic, vegetarian and gluten free options**

8:00 – 8:15 AM Jeremy Phillips: Opening Remarks and Welcome

8:15 – 8:45 AM Dr. Anderson – Metabolic – Mitochondrial Targets in Oncology

Dr. Anderson will relate patient outcomes (and therapeutic discoveries) from Stage-4 “salvage” therapy using metabolic and mitochondrial targeted therapies.

8:45 - 10:15 AM Dr. McKinney - Metabolism, Mitochondria and Epigenetics

In this session Dr. McKinney will take a deep dive into the science and clinical application of mitochondrial – metabolic cancer therapy. This follow on to Dr. Anderson’s introductory case series will give the attendee the ability to build and customize therapies for maximum oncology outcomes.

10:15 – 11:00 AM BREAK

11:00 – 11:30 AM Dr. Allderdice – Mastering Metabolism: Fasting for patient during chemotherapy and beyond

An intervention growing in acceptance across oncology, therapeutic fasting to augment chemotherapy is an excellent inclusion for those patients requiring chemotherapy. In this session Dr. Allderdice will give background to the science behind this and instructions for the clinical application in practice.

11:30 – 12:00 PM Dr. McKinney – Cannabinoids in Oncology Part-1

In part-1 of this two part session of cannabinoids in oncology Dr. McKinney will outline the use of cannabinoids in regard to anti-cancer use.

12:00 PM – 12:45 PM Dr. Trutt - BHRT: Comprehensive Review of its Impact on Cancer Risk, Cancer Mortality and All-Cause Mortality

What do we really know from the data? What are the potential risks and benefits? Although we’ve come a long way since the WHI trial, there is still a tremendous amount of misinformation on the risks and benefits of various HRT regimens, both before and after a diagnosis of cancer. Dr. Trutt will present the data that do exist and relate them to clinical use, safety and patient management implications. Part 1 will review the data prior to a diagnosis of cancer. Are there any women for whom you should refuse to prescribe HRT due to their cancer risk?

12:45 – 1:15 PM Special Presentation from NutriGenetic Research Institute (Non-CME)

Genetic and Epigenetic Factors Resulting in Increased mTOR Activity

The signaling pathways that activate mammalian target of rapamycin (mTOR) are altered in many human cancers. The NutriGenetic Research Institute has been studying how both genetic weakness and epigenetic factors may upregulate mTOR and down regulate Autophagy. In this talk, we will explore how Functional Genomics can be used to identify potential over stimulation of mTOR and how to use nutritional intervention to reduce an overactive mTOR.

1:15 – 2:30 PM **LUNCH- Organic, vegetarian and gluten free options**

Afternoon Focus: Assessment and Treatment in Active Oncology Patients

2:30 – 3:00 PM Dr. Anderson – Testing and Assessment in the Oncology Patient

In this focused session Dr. Anderson will relate clinically useful monitoring tips to help monitor your patient with cancer. When to follow tumor markers, what CTC's mean, very useful "non-specific" lab markers to follow, pseudo-progression and more.

3:00 – 3:30 PM Dr. Trutt – Red Flags, Emergencies and Patient Safety

In this session Dr. Trutt will remind the attendee of the various places a cancer case can go awry – and emergency medicine may be required. Dr. Trutt will use his experience as a Board Certified Emergency Physician to relate "red-flags", critical findings and patient presentations to be mindful of.

3:30 – 4:00 PM Special Presentation Photodynamic Therapy (PDT) / Laser in Oncology (Non-CME)
Michael Weber MD

Dr. Weber has been working as a Medical Doctor in Germany for more than 20 years. Today he manages three medical centers for general and internal medicine, pain therapy, and photodynamic tumor therapy. Besides his medical degrees, Dr. Weber holds a diploma in biochemistry, which made a decisive contribution to the research and development of the new laser technology.

4:00 – 4:45 PM BREAK

4:45 – 5:30 PM Dr. Anderson – Patient Support during Stem-Cell and Radiation Procedures

Always controversial, but none the less critical, supporting patients during the processes of Stem Cell or Radiation therapies is a critical part of improving outcomes for those patients. Dr. Anderson will draw on the latest science as well as a great deal of experience treating patients during these therapies to relay current treatment ideas and best practices.

5:30 – 6:00 PM **All Faculty Panel – Theme: "Support and Treatment Best Practices during Active Oncology Treatment"**

6:00 – 8:00 PM **Cocktail Reception**

Saturday:

7:30 – 8:30 AM **BREAKFAST - Organic, vegetarian and gluten free options**

Morning Focus: Clinical Thinking and Modalities to help during Active Treatment and Recovery

8:30 – 9:30 AM Dr. Anderson – Clinical Thinking in Integrative Oncology

What “part” of the cancer process is the patient in, and why does it matter? Are they: Newly diagnosed and in active treatment / In a recovery phase from active treatment / Seeking secondary prevention? How can specifically tailored interventions produce better short and long term outcomes for the patient with cancer?

9:30 – 10:30 AM Dr. Anderson – Modalities of Note in Integrative Oncology

In this session Dr. Anderson will describe and relate his experience with specific modalities used more and more in integrative oncology. While not always things every office will have they are excellent additions to some cases and knowing the correct time to employ them (yourself or as a referral) can enhance cancer care. Modalities such as LDN, HBOT, Laser/PDT, Heat and others will be included.

10:30 – 11:15 AM BREAK

11:15 – 11:45 AM Dr. Allderdice – pH Balance: A judicious approach to using bicarbonates in the body

The idea of pH in cancer metabolism and care is often misunderstood. In this session Dr. Allderdice will quickly review the salient science and outline the best interventions in practice to maximize acid-base effects on cancer.

11:45 – 12:30 PM Dr. Anderson – Clinical Thinking: IV Use in Oncology

While this CME event is NOT an IV course it is important that the clinical management of IV therapies be discussed. Dr. Anderson will draw from his decades experience and research in oncology IV therapeutics to discuss best practices of IV therapy clinical application. What “categories” / mechanisms the various therapies occupy, when they are most appropriate and when not.

12:30 – 1:00 PM Special Presentation by Microbiome Laboratories (Non-CME)

The spectacular role of the human microbiome in preventing post-prandial or metabolic endotoxemia, the number one cause of mortality worldwide.

Topic Overview: 1) The latest understanding on the form and function of the human microbiome. 2) The development and establishment of the human microbiome and factors that disrupt optimal development. 3) How the microbiome controls the immune system, the brain, the endocrine system and nutrient production – the critical cross-talk between microbe and host. 4) Understanding post-prandial endotoxemia (PPE) and its resulting effects on the human body. 5) Strategies for probiotic therapy that can impact PPE 6) and the role of transient, commensal spore based probiotics in bacteriotherapy to treat PPE

1:00 – 2:15 PM **LUNCH- Organic, vegetarian and gluten free options**

Afternoon Focus: The Therapeutic Relationship, Special Populations and Safe Practices

2:15 – 3:15 PM Dr. Niesley – The Truly Healing Patient Relationship

Dr. Niesley will discuss how to create a confident and calming relationship for our patients. How to move beyond their (often distressing) experiences in large medical centers and how we can empower patients via education using calm, confident, out of the box recommendations that make them more comfortable and ultimately better.

3:15 – 4:15 PM Dr. Trutt – BHRT after a cancer diagnosis: What are the data on risks?

Can you defend giving BHRT after a diagnosis of breast cancer? What is proven, what is conjecture and what is just plain wrong? In this session Dr. Trutt will look at the actual risks (or lack thereof) and benefits of cancer recurrence, cancer mortality and all-cause mortality in women using HRT / BHRT after a diagnosis of breast cancer. This area is often confusing for both practitioners and patients and the goal of this discussion of the data is to provide clarity on this important topic.

4:15 – 5:00 PM BREAK

5:00 – 5:30 PM Dr. Anderson – Clinical Thinking Part-2 Pediatric Oncology

While we may not all treat pediatric oncology patients there are a few specific (and critical) points to remember when interacting with the pediatric patient with cancer. Dr. Anderson will relay briefly his clinical pearls from years of pediatric patient care in the oncology setting.

5:30 – 6:00 PM **All Faculty Panel – Theme: “Supporting the Patient in the Recovery Process”**

6:00 – 8:00 PM **Interactive Demonstration Workshops**

This is your chance to see hands-on demonstrations of new technologies as well as asking direct questions in a small group setting.

*** Food and beverage will be provided in workshop rooms as well.**

Sunday:

7:30 – 8:30 AM **BREAKFAST - Organic, vegetarian and gluten free options**

Morning Focus: Secondary Prevention and Patient Support

8:30 – 9:00 AM Dr. Anderson - Supportive Measures and Special Circumstances

In this brief but pointed session Dr. Anderson will discuss supporting recovery of bone marrow, blood counts and related hematologic issues. Additionally mention of special feeding access (enteral tube types and compatibilities for supplements etc.) will be discussed.

9:00 – 10:00 AM Dr. Anderson – Diet in Oncology

While the AAMP conference a year prior (metabolic therapies) focused mainly on diet modalities this conference is more global and so our time to include diet is more restricted. That said this presentation aims to focus on “when” certain diets are appropriate, how a “therapeutic” diet differs from a “maintenance” or “palliative” diet and how they can support metabolic – mitochondrial based therapies as well as general oncology care. Additionally actual retrospective case data will be discussed in regard to dietary impact on the cancer patient progress.

10:00 – 10:30 AM Special Presentation BioBotanical Research (Non-CME)

LPS, Barrier Permeability, and Recovery in Secondary Prevention

Everyone has heard about the impact an imbalanced microbiome has on our health, but many don't understand the role Lipopolysaccharides (LPS) and Biofilms play in virtually all chronic diseases, starting with gut health. We will discuss different ways this happens in the body and what practitioners can do about it from a nutritional and botanical perspective to support the body's ability to heal.

10:30 – 11:15 AM BREAK

11:15 – 11:45 AM Dr. McKinney – Cannabinoids in Oncology Part-2

In this second part of the discussion of cannabinoids in cancer care Dr. McKinney will continue the discussion started in Part-1 and provide clinical tips for implementing cannabinoids for treatment, palliation and overall cancer care.

11:45 – 12:15 PM Dr. Niesley – Evidence Based Care in the Setting of Active Oncology Practice

It is common to hear statements in integrative oncology such as “we are doing cutting-edge care, we cannot wait for the data to catch up” or “it is unsafe to proceed with integrative therapies not well studied” and the like. So what does one do? Dr. Niesley will use her years as research director and training in research to provide a discussion of the complexities regarding the juxtaposition of evidence-based care and the things we do that haven't been studied via RCT's that all benefit patients, and how to best marry the two.

12:15 – 12:45 PM Dr. Anderson – “Repurposed Drugs” in Oncology

Antibiotics, Anti-parasite and other drugs in cancer care? These seem to be making a lot of waves in oncology these days. Dr. Anderson will outline the data for and use of the primary off-label drug strategies as well as his experience with them. He will also look at the limitations of some of the “proprietary” type off-label therapies and clinics.

12:45 – 1:15 Dr. Anderson – Secondary Prevention Part-1

What is best for patients once they have “no evidence of disease”, “stable disease” or are in “remission”? What matters most and how do I proceed? Dr. Anderson will use his clinical experience informed by a great deal of data regarding “what causes cancer to reoccur” and how we can best set up our patients for successful, longer remissions.

1:15 – 2:15 PM **LUNCH- Organic, vegetarian and gluten free options**

Afternoon Focus: Secondary Prevention and Clearing up Oncology-Myths

2:15 – 2:30 PM Dr. Anderson – Secondary Prevention Part – 2

In this follow up to the first part Dr. Anderson will provide an outline for assessment and treatment specifically oriented to secondary prevention. What to assess, how to prioritize and treat.

2:30 – 4:00 PM Dr. Anderson – Controversies (or maybe not) in Integrative Oncology

We hear “sound bites” saying ‘DON’T USE THIS IN CANCER PATIENTS’, or ‘THIS IS DANGEROUS’ etc. and are often confused. It becomes more confusing when the ‘experts’ will not all agree and the treating physician is often not in a position to delve deeply into the science. Dr. Anderson will break these areas down, look at the science and the clinical subtleties (i.e. sometimes it’s a bad idea, sometimes it’s a good idea) in each area.

- Biological Drugs - Iron - Glutathione - Glutamine
- Vitamin B12 - Methylation - Iodine - NAD
- Vitamin C and Leukemia - Chemotherapy and Natural Medicine Timing - More!

4:00 – 4:15 PM Tea Break

4:15 – 4:45 PM **All Faculty Panel – Theme: “Secondary Prevention and Patient Support – Best Practices”**

4:45 PM Adjourn