



Ora Lee Smith

Cancer Research Foundation

### OUR WHY

We have the capacity to reduce the suffering of cancer patients. With our revolutionary technology, we can. With your help, we will.

Dr. Hadiyah-Nicole Green  
Medical Physicist



### OUR FOUNDER

Dr. Hadiyah-Nicole Green has dedicated her life to finding a better way to treat cancer. This goal was inspired by the loss of her aunt who raised her, Ora Lee Smith. She is one of the first 100 African American women to earn a PhD in physics. She has more than 10 years of interdisciplinary research experience including training at the University of Alabama at Birmingham's Comprehensive Cancer Center and Department of Pathology. She specializes in targeted cancer therapeutics using lasers and nanoparticles. Her expertise lies at the intersection of nanotechnology, immunotherapy, and precision medicine and she has obtained a Top Secret Security Clearance to conduct research for the Department of Defense.

Dr. Green is currently a professor at Morehouse School of Medicine in the Department of Surgery. The U.S. Department of Veteran Affairs recently awarded Dr. Green a \$1.1 million grant to continue her groundbreaking research. She has received Trailblazer Awards from Southern Company, The National Coalition of 100 Black Women, Inc., Metropolitan Atlanta Chapter and 100 Black Men of America, Inc.

Ebony and The Root Magazines named Dr. Green as one of the "100 Most Influential African Americans" in the United States.

### CONTACT INFO

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### OUR FOUNDATION

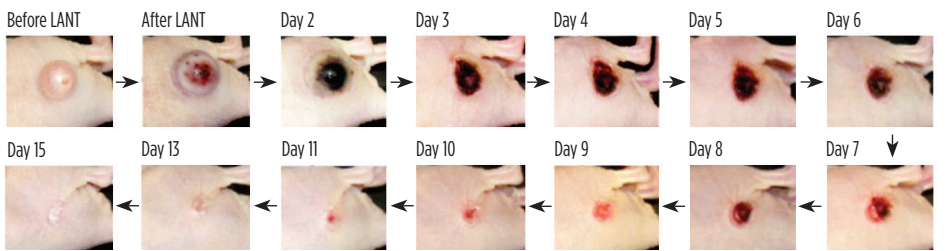
Physics has made a tremendous contribution to medical science. Physicists have developed x-ray imaging, ultrasounds, MRIs, CT scans, and more. The **Ora Lee Smith Cancer Research Foundation** stands at the threshold of a new physics-inspired medical advancement – a safe and effective treatment for cancer involving laser technology that uses nanoparticles to target and destroy cancerous cells while preserving the integrity and vitality of healthy cells.

Our treatment is notably different from other cancer treatments available today, such as chemotherapy or radiation, which can sometimes have drastic side effects permanently affecting the long-term health of patients. Our patent-pending cancer treatment does not show side effects in laboratory mice – and completely eliminates tumors in these mice over 15 days after a single 10-minute treatment. Our chief goal is to translate this groundbreaking cancer treatment from the laboratory into humans – a more than \$100 million endeavor. We have the support of our team of oncologists and are ready to begin clinical trials in humans and obtain FDA approval. To accomplish our goals, we are using a nonprofit business model and tax-deductible donations to ensure treatments remain affordable after we obtain FDA approval for use in humans.

Within 24 months of reaching our fundraising goal, we plan to translate Dr. Green's Laser-Activated Nano-Therapy (LANT) from the laboratory into humans and begin human clinical trials in head and neck cancers. Because this treatment is designed as a multi-cancer platform therapy, it has implications for a variety of tumor types, including breast, colorectal, ovarian, skin, cervical, bladder, lung, brain, anal, and prostate cancers. This advancement in treating cancer led Dr. Green to found the Ora Lee Smith Cancer Research Foundation with the mission of changing the way cancer is treated and reducing cancer-patient suffering by providing a treatment that is accessible, affordable, and, most importantly, effective. Long term, we plan to provide cancer patients with a low cost, outpatient treatment with minimal side effects because sometimes, the traditional interventions of surgery, chemotherapy, and radiation are not enough or desired.

### OUR CANCER TREATMENT

Laser-Activated Nano-Therapy (LANT) was designed as a "platform therapy" for a variety of tumor types but circumstantially tested on head and neck cancer (oral squamous cell carcinoma). The images below show the therapeutic efficacy of LANT in a mouse model: ~100% tumor regression in 15 days after a single 10-minute laser treatment, without observable side effects. We plan to start LANT human trials within 24 months of reaching our first fundraising goal.



### USE OF FUNDS

Donations will be used towards the following specific needs:

- Human-grade nanoparticle manufacturing, bottling, and distribution
- Laser device development, manufacturing, and distribution
- FDA application fees for approval
- Three comprehensive phases of clinical trials

### HOW YOU CAN HELP

We are offering an exclusive opportunity for corporations and philanthropists to make history – by sponsoring our efforts to eradicate cancer. To learn more about our mission, our founder, or to make your tax-deductible contribution, visit us online at [OraLee.org](http://OraLee.org).

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FROM LABORATORY  
TO HOSPITAL  
IN 10 YEARS:

Phase I  
\$10 million  
To Get Started

Phase II  
\$20 million  
Year 3

Phase III  
\$70 million  
Year 5