



A LEGACY OF **INNOVATION**

THE HUGHES CENTER FOR RESEARCH AND INNOVATION

Outfitted with state-of-the-art instrumentation, and combining the skills of accomplished scientists, researchers and medical professionals, the Hughes Center for Research and Innovation creates a unique environment in which to pursue scientific discovery and advancement, starting with an understanding of how supplements work within the body at a molecular level.

The Hughes Center for Research and Innovation will become the hub of Synergy WorldWide's new product development. Utilizing advanced technology to verify the identity, purity and potency of individual constituents, our staff will work to discover powerful

ingredient combinations and create unique formulations that will undergo clinical studies to confirm their safety and efficacy.

For more than 40 years, Nature's Sunshine has been recognized as the industry standard for high-quality supplements. Now, backed by scientific discovery and supported by our world-renowned manufacturing expertise, Synergy WorldWide and Nature's Sunshine are changing the way that nutritional supplements are developed. Through the Hughes Center for Research and Innovation, we are advancing the science of optimal health.



VITAL STATISTICS

5,400 SQ. FT.
of office, laboratory and clinical space.

3 LABORATORIES

CHEMISTRY - Providing quantitative analysis of chemicals in herbal samples.

TISSUE CULTURE - Determining how natural compounds interact with biological models.

CELLULAR AND MOLECULAR BIOLOGY - Examining how phytochemicals affect the molecular mechanisms of wellness concerns.

CLINICAL SPACE

2 MEDICAL DOCTORS

- Dr. Joseph Lamb - Medical Director
- Dr. Joe Ou - Senior Clinical Research Scientist and Licensed Clinical Study Monitor

5 PhD RESEARCHERS AND SCIENTISTS

- Dr. Matthew Tripp - Chief Scientific Officer
- Dr. Sheryl Krig - Principal Scientist and Manager of Discovery
- Dr. John Babish - Scientific Director of Basic Research and Intellectual Property Consultant
- Dr. Wei Gao - Senior Research Scientist
- Dr. Mohan Kaadige - Principal Scientist

UNIQUE INSTRUMENTATION

FLEXMAP3D

Capable of measuring 500 separate analytes such as genes or proteins from a single human fluid sample and analyzing over 144,000 data points in one hour.

QUADRUPOLE TIME-OF-FLIGHT MASS SPECTROMETER

Allows for the rapid quantitative chemical analysis and identification of the phytochemicals found within herbal samples.

