

Therapeutics for a second year and an additional \$16.7 million. Under the contract, Cellerant will continue studies and manufacturing activities to further develop a new way to treat the illness known as neutropenia, an abnormally low number of white blood cells caused by exposure to high levels of ionizing radiation. Cellerant's drug, called CLT-008, uses a kind of cells called myeloid progenitor cells, which can grow into any kind of blood cell the body needs.

CLT-008 is being developed to support and add to the patient's own progenitor cells, providing protection for patients against life-threatening infections and hemorrhaging while their own bone marrow is recovering. CLT-008 could be used for other blood disorders and complications of cancer in which blood cells and platelets need to be replenished, so it also has promise as supportive therapy for patients receiving bone marrow or fetal cord blood transplants.

Today's awards are part of a rapidly growing BARDA program to develop therapeutics and diagnostics for radiation injury. BARDA is seeking additional proposals for products that potentially could treat or illness and injury from acute radiation syndrome, as well as improved diagnostic tools to measure the radiation dose a person has absorbed after a nuclear denotation or radiation accident. Proposals are accepted through the Broad Agency Announcement <u>BARDA-CBRN-BAA-11-100-SOL-00009</u> at <u>www.fbo.gov</u>.

BARDA, an agency within the Office of the Assistant Secretary for Preparedness and Response in the U.S. Department of Health and Human Services, provides a comprehensive integrated portfolio approach to the advanced research and development, innovation, acquisition, and manufacturing infrastructure for vaccines, drugs, therapeutics, diagnostic tools, and non-pharmaceutical products for public health emergency threats. These threats include chemical, biological, radiological, and nuclear threats, pandemic influenza, and emerging infectious diseases.

For more information about BARDA and the advanced research and development of medical countermeasures visit <u>www.phe.gov</u> and <u>www.medicalcountermeasures.gov</u>. Contract opportunities and awards are announced at <u>www.fbo.gov</u>.

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