Technology: Use of polymer D-lactic acid (PDLA) or equivalents thereof to inhibit growth of cancer cells and diagnose cancers

VA ID Number: 11-057

Inventor: Joel Goldberg

Location: Durham, NC

Topic: Oncology

USPTO Issue Dates: 7/5/2016, 12/30/2014

Patent Numbers: 9,382,376, 8,920,789

The VA is the sole assignee of this patent.

Contact

Benjamin Henry

benjamin.henry@va.gov

202-443-5736

Abstract

The invention provides method for sequestering or trapping L-lactate in or near a tumor cell comprising contacting an isolated polymer of D-lactic acid (PDLA) or an equivalent, derivative or analog thereof with the tumor cell so that the PDLA binds L-lactate in or near the cell and thereby sequestering or trapping L-lactate in or near the tumor cells.