



HOW WE AIM TO **TRANSFORM** **RADIATION THERAPY** IN CANCER



OUR MISSION

Galera aims to transform radiation therapy by discovering and developing novel selective superoxide dismutase mimetics to address treatment and outcomes for patients with cancer.








THE SCIENCE OF SELECTIVE SUPEROXIDE DISMUTASE MIMETICS

The cornerstone of our work is the recognition that superoxide plays an important role in human biology and disease.¹ Our small molecule selective dismutase mimetics are designed to target radiation therapy-induced bursts of superoxide molecules. Elevated superoxide can damage normal tissue and lead to debilitating radiation-induced toxicities.¹ The conversion of excess superoxide to hydrogen peroxide also has the potential to increase anticancer efficiency of stereotactic body radiation therapy.²

SEE OUR PIPELINE ON BACK AND VISIT WWW.GALERATX.COM TO LEARN MORE.



GALERA PIPELINE: SELECTIVE DISMUTASE MIMETICS³

PATIENT POPULATION		THERAPEUTIC TARGET	PHASE 1	PHASE 2	PHASE 3	TRIAL STATUS
 Head & Neck Cancer	Radiation-induced severe oral mucositis	ROMAN: Avasopasem vs placebo				COMPLETED ENROLLMENT
		EUSOM: Avasopasem				COMPLETED ENROLLMENT
 Lung Cancer	Radiation-induced esophagitis	AESOP: Avasopasem				COMPLETED ENROLLMENT
	Increased SBRT efficacy	GRECO-1: Rucosopasem vs placebo				
 Pancreatic Cancer	Increased SBRT efficacy	GRECO-2: Rucosopasem vs placebo				RECRUITING
Please see clinicaltrials.gov for more information on our trials			 Avasopasem manganese (GC4419)		 Rucosopasem manganese (GC4711)	

SBRT=stereotactic body radiation therapy.



Scan to learn more about Galera and our selective dismutase mimetics.



Scan to learn more about our clinical trials.

References: 1. Sonis ST. Superoxide dismutase as an intervention for radiation therapy-associated toxicities: review and profile of avasopasem manganese as a treatment option for radiation-induced mucositis. *Drug Des Devel Ther.* 2021;15:1021-1029. 2. Sishc BJ, Ding L, Nam T-K, et al. Avasopasem manganese synergizes with hypofractionated radiation to ablate tumors through the generation of hydrogen peroxide. *Sci. Transl. Med.* 2021;13(593):eabb3768. 3. <http://www.clinicaltrials.gov>.

