









Manufacturing Phage Preparations Since 1930s





OPEN FOR COLLABORATION UNDER

THE HORIZON EUROPE PROGRAM



SPHERE OF INTEREST

Human Health: Infectious Diseases, Pandemic Preparedness and Response, AMR, Antibiotic Resistance.

<u>Animal Health:</u> One Health, Reducing the Use of Antibiotics in Agriculture, Livestock Production.

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ABOUT US

- BioChimPharm (BCP) is a Georgian-based, multi-award-winning biopharmaceutical Company engaged in R&D, production and marketing of sustainable alternative to antibiotics.
- BCP's mission is to eradicate the irrational use of antibiotics and to overcome antibiotic resistance challenge globally. To develop innovative products, we use bacteriophages (phages), which are the natural enemies of bacteria.
- Based on the World's Oldest Phage Factory (1934), The Company possesses unique technological know-how and over 80 years of accumulated experience in R&D and the production of bacteriophage based medications, used for treatment and prevention of infectious diseases including antibiotic resistant infections. BCP is an ISO 9001-2015 and GMP (Good Manufacturing Practice) certified company.
- The Company is mainly focused on and operates in two major industries Human Health (therapeutics) and Animal health (veterinary medicine, feed additives)



HUMAN HEALTH

Treatment and prevention of throat-ear-nose diseases, upper and lower respiratory tract, gastrointestinal, and urogenital infections caused by the following bacteria: Staphylococcus (including MRSA), Pseudomonas, Streptococcus, E. coli, Salmonella, Enterococcus, Shigella, Proteus and etc.

ANIMAL HEALTH

The excessive use of antibiotics in animal farms and in human health has brought us to the point, where antibiotics have lost their power and impact on bad (pathogenic) bacteria, making it impossible to treat certain resistant infections with whatever antibiotic might be at hand. The overuse of antibiotics in intense livestock production represents one of the major contributors to Antibiotic Resistance. Almost 80% of all antibiotics in the world are given to chicken, cows and pigs to make them grow more quickly or as a cheap alternative to keeping them healthy.

BioChimPharm creates and produces phage based, natural antimicrobial solutions against Salmonella, Listeria, E. coli, Shigella and other pathogenic (harmful) bacteria bankrupting the animal agriculture industry. The Company's Phage based innovative solutions eliminate even antibiotic resistant Salmonella and other pathogenic bacteria, effectively increasing overall rate of livestock production performance, while also ensuring unprecedented levels of safety for animals and consumers.

CORE COMPETENCIES AND SPHERES OF INTEREST



GEORGIA AND PHAGE THERAPY

Georgia besides being a pioneer and the world-renowned for its 8,000-year-old tradition of winemaking, it also happens to be a cradle of Phage technology and Phage Therapy. The Country has a rich history in the development of phage technology, with early research and discoveries dating back to the early 20th century. With this newly modernized manufacturing plant, BioChimPharm continues to contribute to the advancement of phage technology and improve access to phage therapy for patients globally.

The newly modernized manufacturing plant is located in the historic Bacteriophage Institute in the heart of Tbilisi, Georgia, and is the first enterprise producing sterile liquid dosage forms in the South Caucasus, covering the full production cycle, including the production of active pharmaceutical ingredients (APIs) and primary and secondary packaging of medicines.