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TRANSLATING
SCIENCE INTO
DRUGS

A Multi-facet Approach for an Efficient Drug
Discovery Process

Briefly

LDS is an innovative SME providing tools and expertise to develop drug discovery projects.

LDS:

- offers pharmaceutical services for Industry and Academia;
- has a diversified pipeline of proprietary products for oncology and infections, including rare diseases.

LDS focus is to foster the design and development of early drug discovery campaigns up to pre-clinical phases.

Services

- ◆ Computational Chemistry
- ◆ Organic Synthesis
- ◆ Analytical Chemistry
- ◆ Pharmacokinetics
- ◆ Protein Production & Assay Development
- ◆ Optimization of Therapeutic Proteins
- ◆ Antibody Drug Conjugates
- ◆ Integrated Medicinal Chemistry Package



Portfolio Projects

ANTICANCER. LDS owns the IP on a series of pyrazolopyrimidines active against Glioblastoma, Neuroblastoma, and Chronic Myeloid Leukemia.

Current Lead compound against glioblastoma shows a clear efficacy in intracranial tumor mice model. In vivo PK studies confirmed the ability of the compound to cross the BBB.

ANTIBACTERIAL. LDS is developing a library of proprietary polyaminoalkylguanidine derivatives active against various bacterial strains including clinically Gram-negative pathogens.



LDS IS OPEN TO SUITABLE OPPORTUNITIES TO COMBINE EXPERIENCE AND RESOURCES WITH OTHER ORGANISATIONS WHERE SPECIFIC PROJECTS MAY BENEFIT IN THE FORM EITHER OF COLLABORATIONS AT VARIOUS PHASES DURING THE LIFE OF A PROGRAM OR THROUGH OUTLICENSING OF SPECIFIC SMALL MOLECULES OR

Investors

LDS was founded in 2012 as a spinoff of the University of Siena with a Grant of the Ministry of Education, University, and Research of Italy.



Infrastructures



LDS is located in Toscana Life Sciences (TLS), a biocubator dedicated to supporting the startup of businesses in the Life Sciences sector.

Management

Maurizio Botta, President & Founder

Fabrizio Manetti, Vice President & Founder

Maurizio Taddei, Head of Organic Synthesis & Founder

Jean-Denis Docquier, Head of Biology

Laura Maccari, Project Manager

Serena Pasquini, Administrative Assistant