

Fondazione Toscana Life Sciences

PROFILE



TLS RESEARCH

Today, TLS has taken on an increasingly important role in experimental design and the conduct of applied research activities thanks to proprietary technology platforms and increasingly specialised scientific expertise. TLS is involved in an increasing number of research projects aimed at addressing major health challenges such as bacterial resistance to antibiotics and orphan diseases, as well as investigating the mechanisms of progression and regression of leukaemia and blood cancers and the effectiveness of vaccines in immuno-oncology.

>600

EMPLOYEES

working in the
biocubator and at
TLS Foundation

1167

SCIENTIFIC PUBLICATIONS

since 2007 and 110
in 2024

47

COMPANIES AND RESEARCH GROUPS

as part of TLS
biocubator

MAIN AREAS:

VACCINOLOGY, IMMUNOTHERAPY,
PRECISION MEDICINE, ORPHAN DISEASES,
ANTIMICROBIAL RESISTANCE, INFECTIOUS
DISEASES, BOTANICALS.

6

ERC PROJECTS



European Research Council
Established by the European Commission

73

PATENTS APPROVED

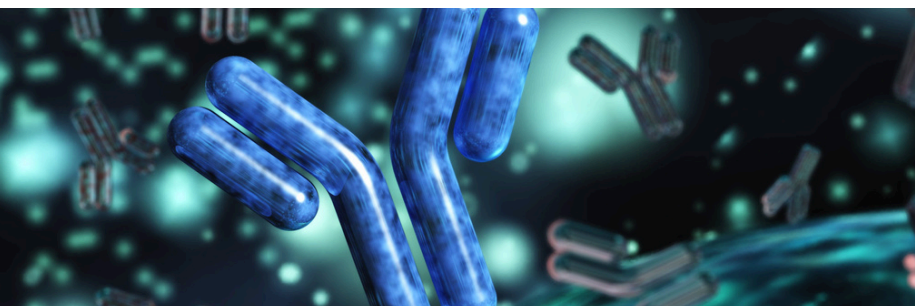
for companies and
research groups,
since 2007.

2

EMBO MEMBERS



excellence in life sciences



Fondazione Toscana Life Sciences (TLS)

AN INNOVATION ECOSYSTEM

Fondazione Toscana Life Sciences (TLS) is a non-profit organization that has been active since 2005 with the objective of **supporting research activities in the life sciences sector** and of sustaining the development of projects from basic research to industrial application. In particular, the Foundation gives **support to the company start-up process** in the sector of life sciences and human health in general and facilitates activities of **technology transfer** and licensing for the **exploitation of research**, also through national and international networking activities.

The **founding partners** of TLS are the Tuscany Region, the Monte dei Paschi di Siena Foundation and Bank, the Province of Siena, the Universities of Siena, Pisa, and Florence, the Sant'Anna and Normale Schools for Advanced Studies in Pisa, the University Hospital of Siena, and the City and Chamber of Commerce of Siena.



Through a modern **bio incubator** TLS provides technological high-tech platforms, scientific, business development and intellectual property support. Furthermore, the Foundation is active on **important research projects and CSA** (Coordination and Support Action) projects at national and European level. TLS is increasingly becoming an **aggregator and system facilitator** in the life sciences.



Roles and activities

TLS is committed on multiple front lines with specific roles and activities for each. The main ones are the following:

- Business incubator
- Research foundation
- Technology Transfer for the Tuscany Region (UVaR office)
- Manager of the Tuscany Life Sciences Cluster
- Founder of ITS VITA - "New Technologies for Life"
- Representative of Tuscany in the ALISEI national cluster

