

PENNSYLVANIA

Life Sciences Greenhouse Initiative

Regionally Attuned
Capital Efficient
Sector-Specific Expertise

Improving Human Health and the Commonwealth's Economy

The Life Sciences Greenhouses are models of effectiveness and efficiency. They capture the innovation potential of the life sciences industry and nurture that potential with critical early-stage funding and sector-specific business expertise. Pennsylvanians benefit directly as **new companies** are formed, **jobs** are created, **additional capital** is attracted to the Commonwealth, and **life-saving technologies** reach patients.



215.966.6214 | bioadvance.com



717.635.2100 | lsgpa.com



412.201.7370 | plsg.com

Results

New Companies

- 239 companies and projects funded
- 46 companies have exited, providing returns to investors and entrepreneurs

Additional Capital

- More than \$5.8 billion in private follow-on funding
- \$335.1 million in follow-on federal funding

More Jobs

- 5,500 jobs created
- The average life sciences salary is \$90,267, twice the average PA private sector wage

356 Life-Saving Technologies

- 100 products originated by LSG companies have received regulatory approval
- 256 new, unregulated products are being commercialized

Private-sector
leverage of
state dollars

51:5

TOTAL FUNDS
INVESTED

\$112.7 M

from Pennsylvania Life Sciences Greenhouse Initiative Portfolio Companies

The table below highlights just a few of the breakthrough products brought to market by companies backed by the Life Sciences Greenhouse Initiative.

Company	Product name	Use	Regulatory approval	LSG investor
ALung	Hemolung® RAS	Respiratory assist system	EU	PLSG
Avid/Lilly	Amyvid™ (florbetapir F18)	Determines presence of beta amyloid plaque in patients with cognitive impairment	FDA	BA
Ceptaris/Helsinn	VALCHLOR™ (mechlorethamine gel)	Topical treatment of stage 1A and @B mycosis cutaneous T-cell lymphoma (CTCL)	FDA	BA
Cernostics	TissueCypher	AI esophageal cancer imaging analysis	FDA	PLSG
Chromatan	Tangential Chromatography	Single-use column-free proteins and vaccines purification.	Not applicable	LSGPA
Cognition Therapeutics	Expertise in σ -2 receptor	Therapeutics for age-related degenerative diseases and disorders	In Process	PLSG
Indigo BioSciences	Nuclear receptor assay kits and services	Drug screening	Not Applicable	LSGPA
InfraScan	Infrascanner 2000	Hand held device to detect brain hematoma after head trauma	FDA	BA
Maculogix	AdaptDx™ Pro	Macular Degeneration	FDA	LSGPA
Micro Interventional Devices	Permaseal™; Annuloplasty tools	Heart Valve Repair	FDA, CE Mark	LSGPA
Rinovum Women's Health	Stork™ Rinovum Vitamin Line	Reproductive health aid	FDA	PLSG
Sans Rosa/Galderma	Mirvaso® (bromidine gel)	Treatment of skin redness known as rosacea	FDA	BA

BA = BioAdvance – Biotechnology Greenhouse of Southeastern Pennsylvania

LSGPA = Life Sciences Greenhouse of Central Pennsylvania

PLSG = Pittsburgh Life Sciences Greenhouse



Biotechnology Greenhouse of Southeastern Pennsylvania

215.966.6214 | bioadvance.com



717.635.2100 | lsgpa.com



412.201.7370 | plsg.com