



Figures - Key Numbers

Ticker: (NASDAQ: PIRS)
 Share price: \$5.56 (as of 05/10/18)
 Market Cap: \$299.44M (as of 05/10/18)
 Revenue: \$4.2M (1Q2018)
 Net Loss: \$8.7M (1Q2018)
 Cash and investments:
 \$162.2M (as of 05/10/18)

Corporate Headquarters

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Munich Site

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For business development or partnering inquiries, please contact our BD team:

bd@pieris.com

For investor relations inquiries, please contact Maria Kelman, Director of Investor Relation:

kelman@pieris.com

Company Overview

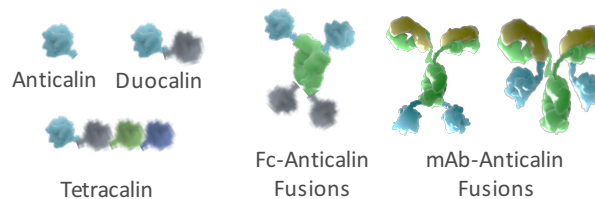
Pieris Pharmaceuticals is a clinical-stage biotechnology company that discovers and develops Anticalin[®]-based drugs to target validated disease pathways in a unique and transformative way. Our pipeline includes immuno-oncology multi-specifics (tumor-targeted costimulatory approach and dual-checkpoint inhibitors), inhaled Anticalin proteins to treat respiratory diseases and a half-life-optimized Anticalin protein to treat anemia. Proprietary to Pieris, Anticalin proteins are a novel class of protein therapeutics validated in the clinic and by partnerships with leading pharmaceutical companies. Anticalin[®] is registered trademark of Pieris.

Pieris Strategy

- Advance its lead IO program, PRS-343 (HER2/4-1BB), through ongoing first-in patient trials in 2018 and further develop its immuno-oncology franchise
- Advance its lead Asthma program PRS-060 (IL4Ra) through ongoing clinical trials in 2018 and strengthen its respiratory franchise for inhaled biologics
- Advance its anemia program PRS-080 (hepcidin) through ongoing Phase 2a clinical trial in 2018
- Continue to exploit its platform through new and existing partnerships

Anticalin Proteins

Anticalin proteins are recombinantly engineered versions of lipocalins, human proteins that naturally bind, store and transport a wide spectrum of molecules. Our libraries of more than 100 billion different Anticalin proteins can bind to virtually any target of interest.



Differentiation from Antibodies

- Formatting flexibility for multispecific drugs
- Alternative delivery routes (e.g. inhaled)
- Cheaper, bacterial expression
- Tunable kinetics to match biological need
- Dominant patent position and positive FTO position

Management Team

Stephen S. Yoder, President & Chief Executive Officer
 Louis Matis, MD, SVP & Chief Development Officer
 Allan Reine, MD, SVP & Chief Financial Officer
 Shane Olwill, PhD, VP, Development & Head of Immuno-Oncology
 Christine Rothe, PhD, VP, Head of Discovery & Alliance Management
 Mary Fitzgerald, PhD, VP, Respiratory Medicine
 Eckhard Niemeier, VP, Business Development
 Ahmed Mousa, VP, Licensing, IP & Legal Affairs
 Ingmar Bruns, MD, PhD, VP, Clinical Development
 Tom Bures, VP, Finance
 Frank Vollmering - VP, Talent & Organizational Development (HR)

Board of Directors

James Geraghty (Former Executive, Sanofi and Genzyme), Chairman
 Jean-Pierre Bizzari, MD (Former EVP, Celgene)
 Ann Barbier, MD, PhD (CMO, Translate Bio)
 Steven Prelack (SVP & COO, VetCor)
 Michael Richman (CEO, NextCure)
 Julian Adams, Ph.D (CEO, Gamida Cell)
 Christopher Kiritsy (President, Arisaph Pharmaceuticals)
 Stephen S. Yoder (President & CEO, Pieris)



February 2018: Multi-program strategic alliance developing targeted bispecific immuno-oncology treatments for solid tumors and blood cancers



May 2017: Multi-program strategic co-development alliance to develop inhaled biologics for respiratory diseases. Includes PRS-060 and 4 additional programs



January 2017: Multi-program strategic co-development immuno-oncology alliance. Includes PRS-332 and 4 additional programs



February 2017: Option on anemia program PRS-080 in Japan and other Asian countries



December 2015: Discovery and development of Anticalin therapeutics in immuno-oncology



SANOFI

September 2010: Multi-target collaboration with both Sanofi and Sanofi Pasteur across a broad spectrum of indications

IMMUNO-ONCOLOGY PROGRAMS

Candidate	Target	Indication	Partner	Our Commercial Rights	Discovery	Preclinical	Phase I	Phase II
PRS-343	4-1BB/HER2 Bispecific	IO		Worldwide	[Progress bar]			
PRS-300s	n.d.	IO		Worldwide	[Progress bar]			
PRS-332	PD-1/n.d. Bispecific	IO		U.S.	[Progress bar]			
Servier 4 Programs	n.d./n.d. Bispecific	IO		U.S. for 2 bispecifics	[Progress bar]			
Seattle Genetics 3 Programs	n.d./n.d. Bispecific	IO		U.S. for 1 bispecific	[Progress bar]			
Roche	n.d.	IO		Milestones & Royalties	[Progress bar]			

RESPIRATORY PROGRAMS

Candidate	Target	Indication	Partner	Our Commercial Rights	Discovery	Preclinical	Phase I	Phase II
PRS-060	IL4Ra	Asthma		U.S. co-commercialization	[Progress bar]			
AstraZeneca 4 Programs	n.d.	Respiratory Diseases		U.S. co-commercialization for 2 targets	[Progress bar]			

ANEMIA AND OTHER DISEASE AREAS

Candidate	Target	Indication	Partner	Our Commercial Rights	Discovery	Preclinical	Phase I	Phase II
PRS-080	Hepcidin	Anemia		Major Markets ex-Japan	[Progress bar]			
Sanofi	<i>P. aeruginosa</i>	Infectious disease		Milestones & Royalties	[Progress bar]			

Program Highlights

PRS-343 – (4-1BB/HER2 bispecific)

- Bispecific drug candidate with a 4-1BB-targeting Anticalin protein (key costimulatory target for tumor-specific T cells) and a HER2-targeting mAb (validated expression in bladder, gastric, breast cancer, etc.)
- PRS-343 has demonstrated strong tumor growth inhibition and lymphocyte infiltration *in vivo*, while avoiding undesirable peripheral T cell activation
- Currently in Phase 1 clinical trial
- Initiating combination trial with atezolizumab and PRS-343 in H2 2018

PRS-332 – (PD-1 / undisclosed checkpoint)

- Bispecific program combining an Anticalin candidate against an undisclosed key checkpoint target with an anti-PD-1 mAb
- PRS-332 is being co-developed with Servier where Pieris retains full U.S. commercial rights

Pieris Immuno-Oncology Strategy

- Engage immune costimulatory targets in a highly novel, targeted manner with unique multispecifics, led by PRS-343
- Simultaneously block multiple immune checkpoints in one drug built on key backbone components (e.g. PD-1), led by PRS-332

PRS-060 – Respiratory Diseases

- Lead respiratory program targeting IL4Ra for asthma and other respiratory diseases
- Differentiates from antibodies against IL-4 and IL-13 through inhaled delivery directly into the lungs, contrasted with s.c. mAbs
- Local delivery is more convenient for patients and allows for low doses, potentially resulting in a significant cost of goods advantage and expanded patient population over systemic mAbs
- PRS-060 is being developed in a collaboration with AstraZeneca
- Started Phase 1 clinical trial in 2017

PRS-080 - Anemia

- Lead program against hepcidin
- Targets anemia in CKD and cancer
- Phase 1b trial in CKD hemodialysis (HD) patients completed successfully
- Phase 2a trial in CKD HD patients ongoing
- ASKA Pharmaceutical with option for Japan