

Proteon Therapeutics Inc

COMPANY AND PIPELINE OVERVIEW REPORT

Coverage of the company and a summary of the drug pipeline portfolio.

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GLOSSARY

Number of Drugs in Active Development

Number of drugs associated with the company or subsidiary that are currently in active development, i.e. the development status for the drug(s) is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

Number of Inactive Drugs

Number of drugs associated with the company or subsidiary that are currently classified as inactive, i.e. where the development status for the drug(s) is one of the following: No Development Reported, Discontinued, or Withdrawn.

Number of Patents as Owner

Number of patents associated with the company where the company is listed as owner; i.e. the relationship type (or way the patent refers to the company) is: Patent Assignee/Owner, Patent owner (not assignee), Licensee for development and marketing, Licensee – marketing only (Distributor), Patent assignee of family member, Inferred assignee.

Number of Patents as Third Party

Number of patents associated with the company where the company is listed as third party; i.e. the relationship type (or way the patent refers to the company) is: Patent assignee (not owner), Ex-Licensee for development and marketing, Ex-Licensee marketing only (Distributor), Customer of technology, Ex-Customer of technology, Patent opponent or infringer, Affiliate organization of inventor, Owner of underlying technology.

Patents summary table

This table represents a summary of the core patent coverage for this company covering Therapeutic EP, US and WO patents since 1990 only.

Number of Deals

A count of deals where the company or one of its subsidiaries is the primary company.

Key Indications

Displays top ten key indications for the company and its subsidiaries based on frequency (indications occurring with high and identical frequency are always included, and this may result in more than ten Key Indications being listed). Includes both indications associated with patents where the company is patent owner and indications associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

Key Target-based Actions

Displays top ten key target-based actions for the company and its subsidiaries based on frequency (actions occurring with high and identical frequency are always included, and this may result in more than ten Key Target-based Actions being listed). Includes both target-based actions associated with patents where the company patent owner and target-based actions associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended. A target-based action is one that is associated with a target.

Key Technologies

Displays top ten key technologies for the company and its subsidiaries based on frequency (technologies occurring with high and identical frequency are always included, and this may result in more than ten Key Technologies being listed). Includes both key technologies associated with patents where the company relationship is patent owner and key technologies associated with drugs in active development. A drug is classified as 'active' if it features on a row (or rows) in the current development status table where the status is one of the following: Discovery, Clinical, Phase I, Phase II, Phase III, Pre-registration, Registered, Launched, or Suspended.

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Proteon Therapeutics Inc

COMPANY OVERVIEW

Company Name	Proteon Therapeutics Inc
Parent Company Name	Proteon Therapeutics Inc
Website	http://www.proteontherapeutics.com/
Country	US
Number of Drugs in Active Development	1
Number of Inactive Drugs	0
Number of Patents as Owner	3
Number of Patents as Third Party	0
Number of Deals	2
Key Indications	Kidney dialysis, Peripheral vascular disease, Cardiovascular disease, Renal disease, Vasospasm
Key Target-based Actions	Elastase modulator, Elastase stimulator
Key Technologies	Protein recombinant, Biological therapeutic, Local formulation unspecified, Parenteral formulation unspecified, Transdermal formulation, Biochemical synthesis, Cell culture technique, Formulation, Freeze drying, Polynucleotide sequence, Vector expression

COMPANY PROFILE

SUMMARY

Proteon Therapeutics Inc is a privately-held biopharmaceutical company that develops pharmaceuticals for renal and vascular diseases.

IP NEWS

In March 2008, Proteon announced that the EPO had issued WO-0121574 (EP-01220830) which covered the use of elastases (including PRT-201) for dilating arteries and veins.

ACQUISITIONS & SPIN-OFFS

In March 2009, Proteon entered into an agreement offering Novartis an exclusive option to acquire Proteon following the successful completion of a phase II trial of PRT-201 and a secondary right to a global license. The deal would be worth up to \$550 million including an initial acquisition payment plus regulatory milestone payments.

FINANCIAL

In May 2014, the company raised \$45 million in a series D equity financing including a \$25 million tranche.

In March 2009, Proteon closed a \$38 million series B financing round led by MPM Capital. In May 2009, the company raised an additional \$12 million from a second closing of the series B financing round.

In September 2007, Proteon raised \$12 million from a financing round. The company planned to use the proceeds to fund development of PRT-201.

In March 2006, Proteon raised \$19 million in a series A venture capital round to fund development of its PRT-201 vascular dilation drug.

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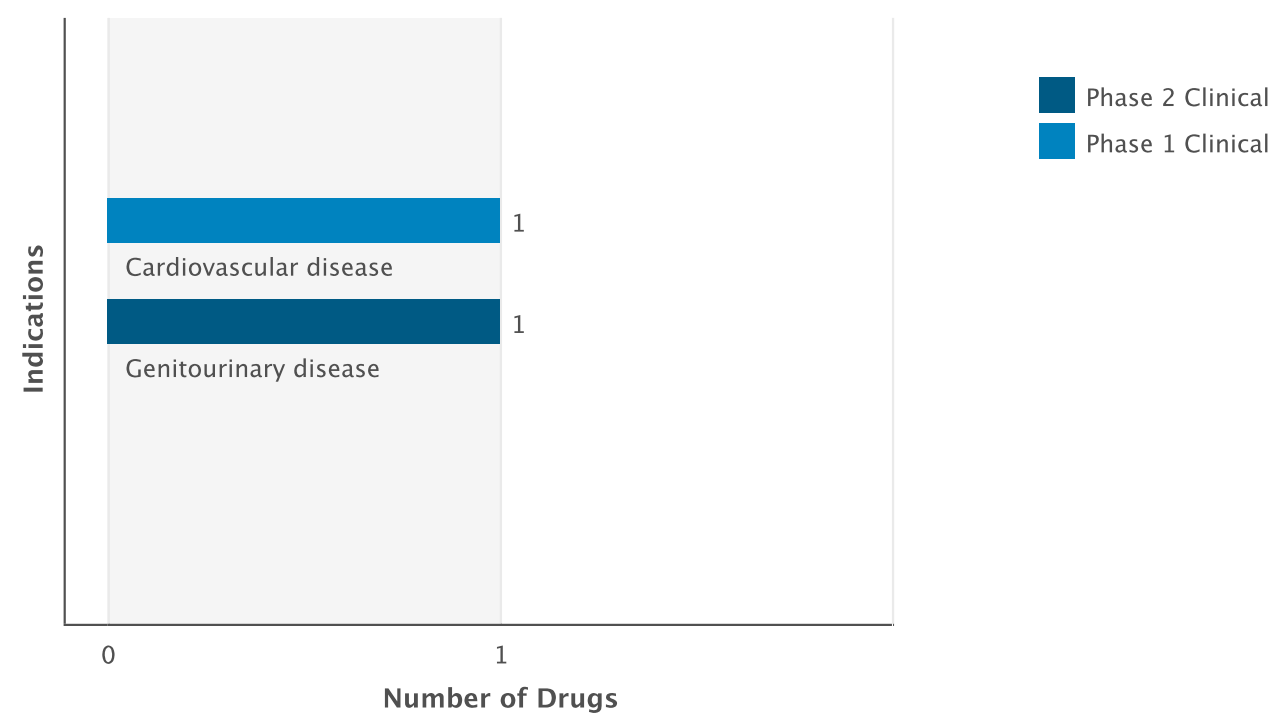


PRODUCT PORTFOLIO SUMMARY

DRUGS

Drugs by Indication

Active Drugs by Indication Chart



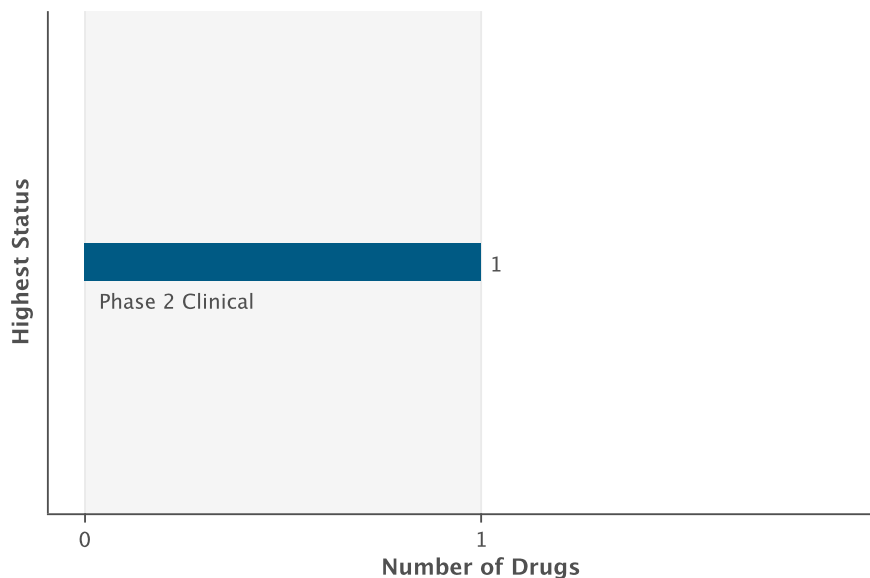
Drugs by Indication Table

Indication	Active	Inactive	Total
Cardiovascular disease	1	0	1
Genitourinary disease	1	0	1

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Drugs by Highest Status

Active Drugs by Highest Status Chart



Drugs by Highest Status Table

Development Status	Number of Drugs
Phase 2 Clinical	1

DEALS

Deal Type	Principal		Partner		Total
	Active	Inactive	Active	Inactive	
Drug - Development/Commercialization License	1	0	0	0	1
Drug - Manufacturing/Supply	0	0	1	0	1

CLINICAL TRIALS

Trials by Condition Studied

Condition Studied	Ongoing	All
Genitourinary disease	1	3
Cardiovascular disease	1	3

Trials by Phase

Phase	Ongoing	All
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Trials by Phase

Phase	Ongoing	All
Phase 3	1	1
Phase 2	0	1
Phase 1	1	3

Phase Definitions

Phase 3 Clinical

Includes Phase 3, Phase 3b, Phase 3a, Phase 2/3 (where enrolment count is 300 or over)

Phase 2 Clinical

Includes Phase 2, Phase 2a, Phase 2b, Phase 1/2 (where enrolment count is 100 or over), Phase 2/3 (where enrolment count is under 300 or not specified)

Phase 1 Clinical

Includes Phase 1, Phase 1a, Phase 1, Phase 1/2 (where enrolment count is under 100 or not specified), Phase 0

PATENTS *

Indication	As Owner	As Third Party	Total
Cardiovascular disease	4	0	4
Gastrointestinal disease	1	0	1
Genitourinary disease	1	0	1

* This table represents a summary of the core patent coverage for this company covering Therapeutic EP, US and WO patents since 1990 only.

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PRODUCT PORTFOLIO DRUGS

PLEASE NOTE: Highest status refers to highest development of that drug for one of the active companies

PRT-201

Drug Name	PRT-201
Key Synonyms	
Originator Company	Proteon Therapeutics Inc
Active Companies	Proteon Therapeutics Inc
Inactive Companies	
Highest Status	Phase 2 Clinical
Active Indications	Peripheral vascular disease, Kidney dialysis
Target-based Actions	Elastase modulator
Other Actions	Vasodilator
Technologies	Transdermal formulation, Biological therapeutic, Local formulation unspecified, Parenteral formulation unspecified, Protein recombinant
Last Change Date	19-May-2014

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