



# PRO140

First self-administered antibody therapy for HIV  
in late-stage clinical trials



**CytoDyn Annual Meeting of Stockholders**  
August 24, 2017

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# Accomplishments over the Past Year

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- Continuing enrollment on Phase 2b/3 Combination Therapy trial
- Initiated enrollment in Phase 2b/3 Monotherapy trial and is well underway
- Initiated patient treatment in Phase 2 GvHD trial
- Initiated rollover trial to accommodate patients who successfully complete Combination Therapy trial
- Continued to support patients in Phase 2b monotherapy trial
  - Now experiencing 3 years of successfully suppressed viral load and continuing

# Accomplishments over the Past Year

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- Further advanced preparations for manufacturing cGMP PRO 140 and engaged a new CMO
- Presented PRO 140 clinical trial results at two scientific conferences
  - CROI – February
  - ASM – June
- Initiated several animal studies to explore non-HIV indications for PRO 140
- Raised approximately \$20 million of new capital

# PRO 140 in Four Clinical Trials

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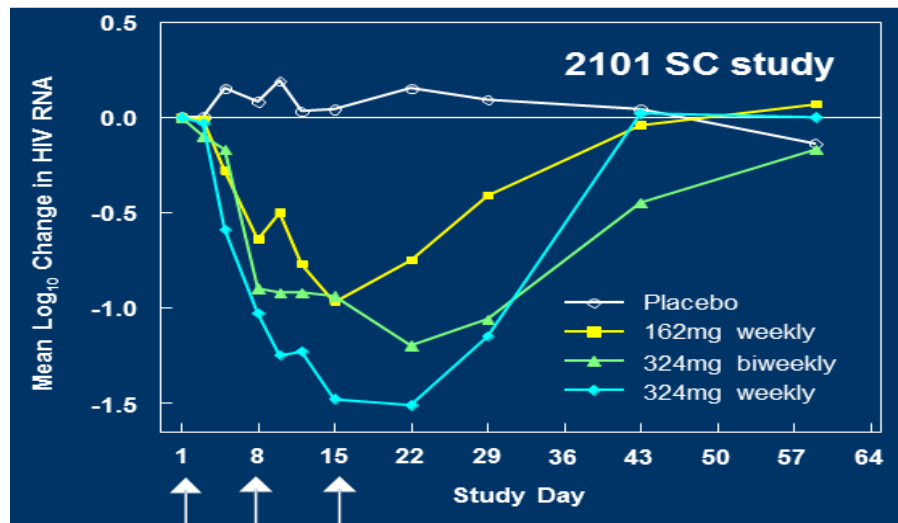
Trial		
Study	Design / Findings	Status
CD02 Pivotal Phase 2b/3 HIV Trial <b>First path to approval</b>	<b>Combination</b> therapy in HAART failures, 1 week efficacy + 24 weeks safety and durability	Primary endpoint results in 2017
CD03 Phase 2b/3 Investigative HIV Trial <b>Large market size</b>	Long-term <b>monotherapy</b>	Data in 2018
CD01 Phase 2b HIV extension study	Long-term <b>monotherapy</b> extension: 9 patients with viral load suppression nearing 3 years	Ongoing
CD04 Phase 2 Trial in acute Graft versus Host Disease (GvHD)	60 patient, 100-day trial period	Ongoing

# CD02 Pivotal Phase 2b/3 Combination Trial Treatment-Experienced HIV-infected Patients

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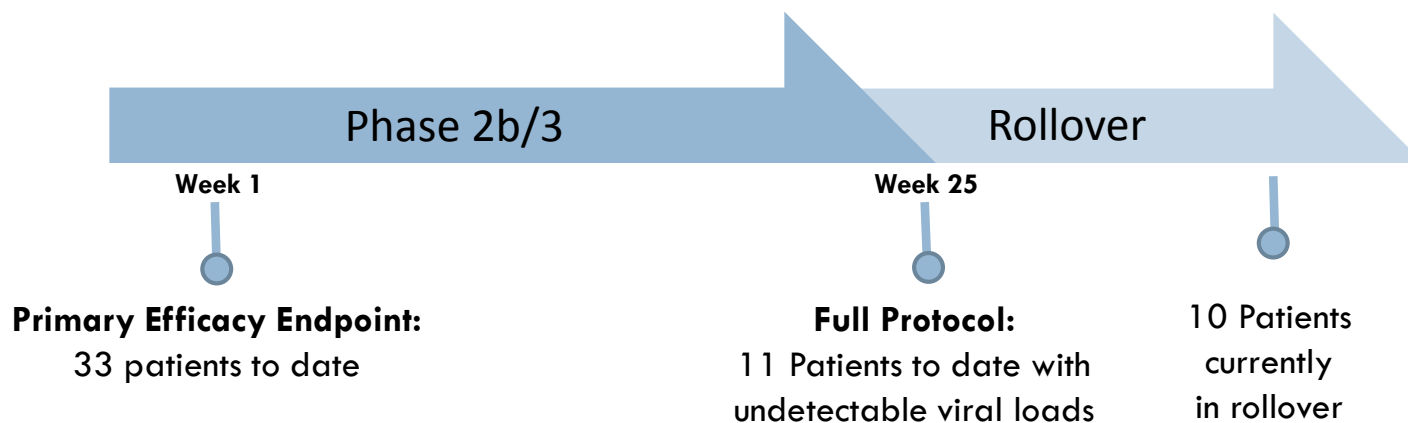
## Prior Study Shows Viral Load Reduction

First proof-of-concept for a long-acting, self-administrable HIV drug administered weekly or bi-monthly



## Pivotal Phase 2b/3 Combination Trial

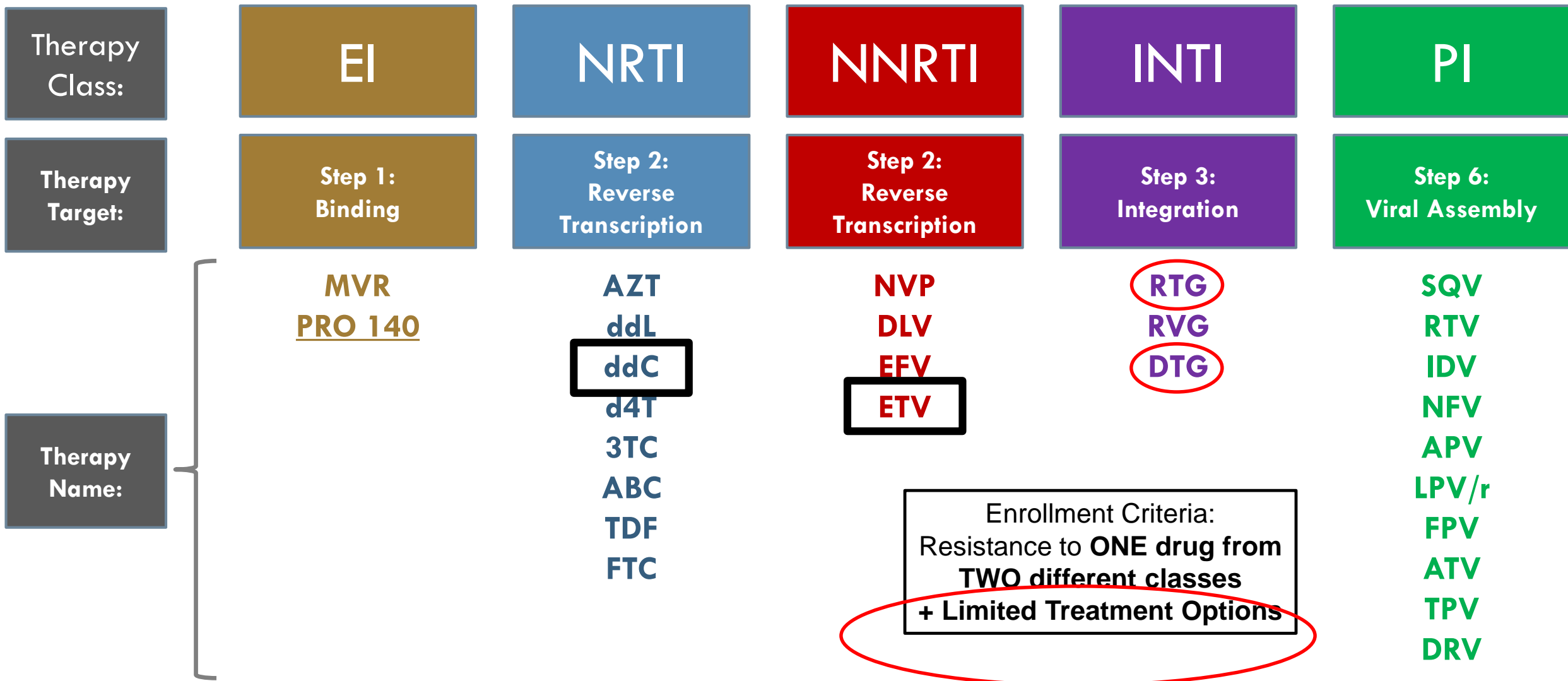
- PRO 140 + HAART
- Anticipated path to 1<sup>st</sup> FDA Approval of PRO 140
- Potential for FDA with Breakthrough Therapy Designation



# CD02 Pivotal Phase 2b/3 Combination Trial

## Enrollment of Treatment-Experienced HIV-infected Patients

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# CD03 Phase 2b/3 Investigative Monotherapy Trial

## Phase 2b/3 Investigate Monotherapy Trial:

- Supported by long-term viral efficacy from Phase 2b extension study
- HIV viral load managed with HAART
- Potential for enrollment completion in 2017

48 Weeks | N = 300

### Primary Endpoint:

Proportion of patients who remain on PRO 140 without experiencing virologic failure

### Secondary Endpoint:

Efficacy, safety and tolerability data

Safety results to support BLA submission for PRO 140 in combination with HAART

## Primary Objective:

Identify PRO 140 responders and increase responder rate **above 70%**

	<1cp/mL	<40cp/mL
Distribution of HIV patients	70%	30%
Patients with initial viral load breakout exhibited a decrease in viral load with PRO 140 administered more frequently		
Patients on PRO 140 monotherapy for approximately 3 years did not develop anti-drug antibodies.		



## CD01 Phase 2b Monotherapy Extension Study

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- 9 patients in ongoing extension study
- 8 patients nearly three years of viral load suppression with once weekly PRO 140 injection

*Patients cite lower toxicity and fewer side effect with PRO 140 versus HAART with completely suppressed viral load*

# Phase 2 Trial in Graft versus Host Disease (GvHD)

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## GvHD Prophylaxis Trial:

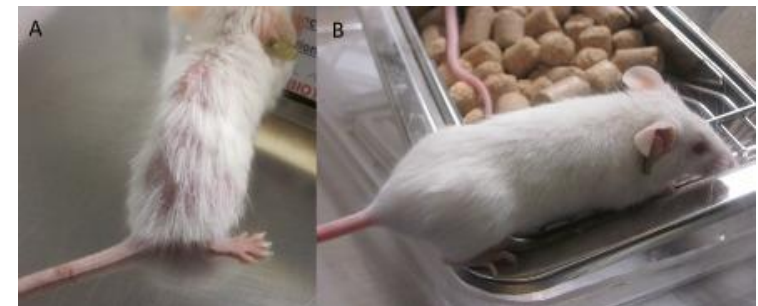
Randomized, double blind, placebo controlled,  
60 patients, multicenter trial

100 days | N = 60

**Primary Endpoint:**  
Incidence & severity  
of GvHD

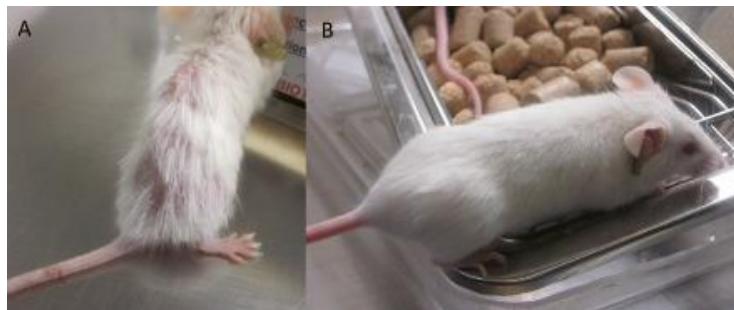
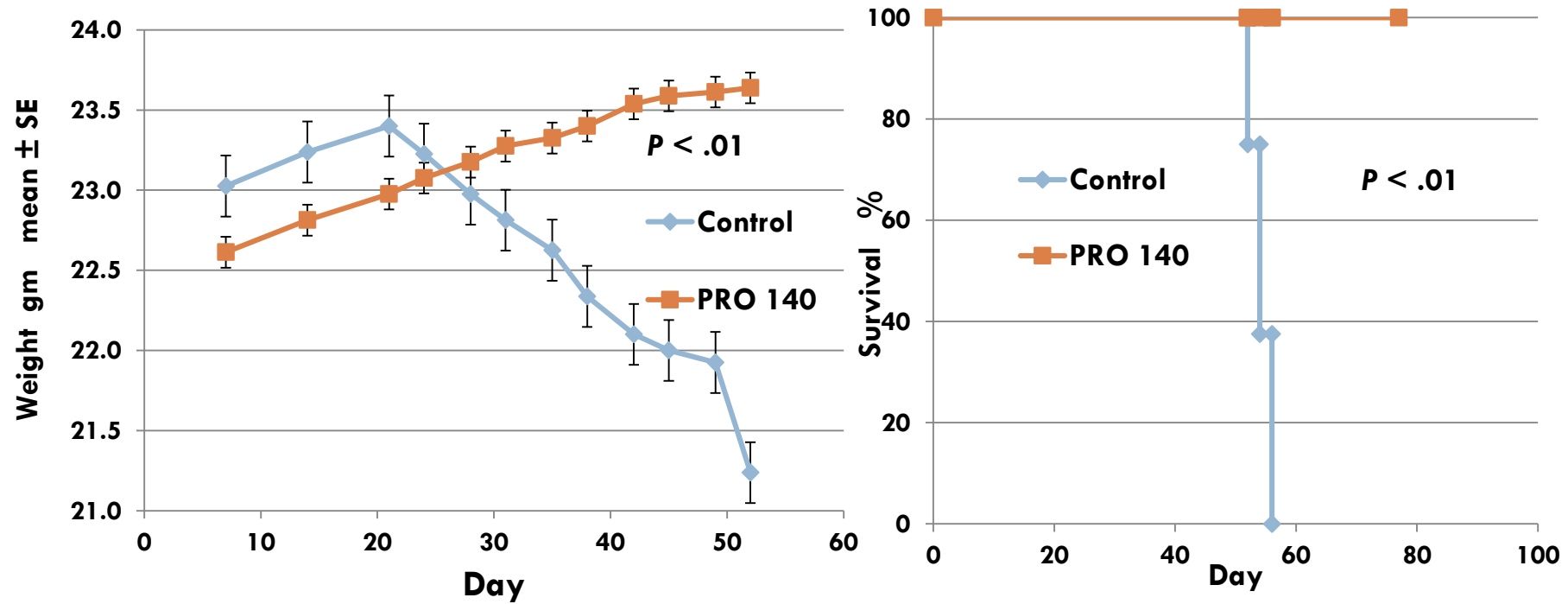
**Secondary Endpoint:**  
Durability & safety

- GvHD is potentially life-threatening complication following bone marrow transplant
- Immune systems depleted during aggressive cancer therapy for leukemia patients (AML/MDS)
- GvHD as the leading causes of death in these patients
- Plan to file for Breakthrough Designation subject to results from Phase 2 study
- Supported by remarkable animal data

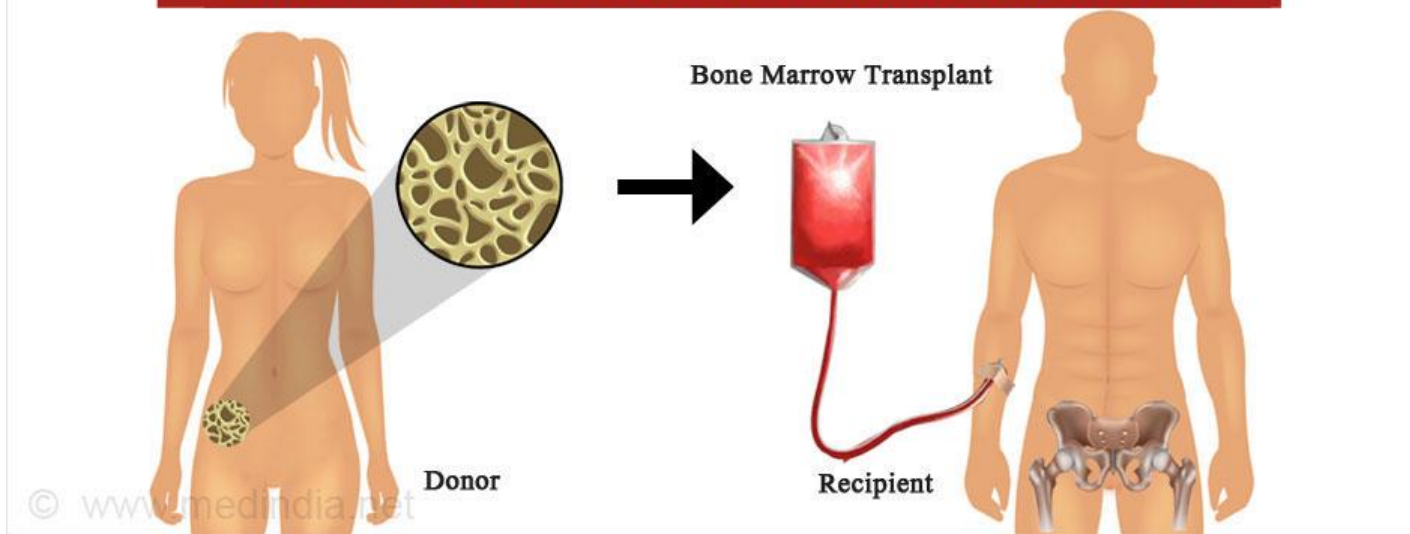


# Effect of PRO 140 on xeno-GVHD in NSG mice

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## BONE MARROW TRANSPLANT IS A MAJOR CAUSE OF GvHD.



# PRO 140 Important Milestones 2017/2018

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Milestones	Target Dates
HIV Fast Track Designation	Granted
HIV Breakthrough Therapy Designation (application submitted)	2017
Pivotal Phase 2b/3 HIV Combo Trial Primary Endpoint	2017
Pivotal Phase 2b/3 HIV Combo BLA (Biologic License Application) Submission	2018
Pivotal Phase 2b/3 HIV Combo BLA (Biologic License Application) Approval	2018 w/BTD
Published studies – 2 in HIV; 2 in Inflammatory Diseases	2017
Conference Presentations at CROI and ASM Microbe	Completed & Ongoing
Monotherapy Phase 2b/3 Investigative Trial Readout	2018