PCI FELLOWS PROGRAM

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An Immune System Trained to Kill Cancer

CLOSE-UP Dr. Carl June examined re-engineered T-Cells last week in his Philadelphia lab.

By DENISE GRACY
Published: September 12, 2011

PHILADELPHIA — A year ago, when chemotherapy stopped
OUR THERAPEUTIC PROGRAMS

**RGX-501** for Homozygous familial hypercholesterolemia (HoFH)

**RGX-314** for Wet age related macular degeneration (wet AMD)

**RGX-111** for Mucopolysaccharidosis Type I (MPS I)

**RGX-121** for Mucopolysaccharidosis Type II
Penn I-Corps Site
Fall 2016 Startup Accelerator

visit www.pci.upenn.edu/icorps

The Penn I-Corps program is for you if you
- have a vision for a startup
- are committed to dedicating serious time and resources to your startup
- are genuinely interested in validating your startup assumptions
- want a direct path to funding

Get a Penn I-Corps $2,500 grant!

Applications are open
Sept. 6 - Oct. 9.

You need a team with a minimum of two members, at least one actively affiliated with Penn, and a third member with industry experience. If needed, Penn I-Corps can help you form a team (see goo.gl/9MnfYF)

The I-Corps Program trains you in Customer Discovery to determine if your startup vision is viable. It consists of a four week workshop and a mentoring period.

In Spring 2017, select team(s) will be invited to join the Penn Center for Innovation at SXSW, where they can pitch their idea to investors.

Selection will be based on performance during the workshop.
• Coordinates commercialization activities across the University
• Sponsored Research
• Startups
• Corporate Alliances
• Technology Licensing
• Entrepreneurship Training
<table>
<thead>
<tr>
<th><strong>Trade Secret</strong></th>
<th>formula, practice, process, design, instrument, pattern, commercial method, or compilation of information which is <strong>not generally known</strong>, and by which a business can obtain an economic advantage over competitors or customers.</th>
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<tr>
<td><strong>Copyright</strong></td>
<td>Protects original work; <strong>expression</strong>: literary works, music, software, photographs, paintings.</td>
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<tr>
<td><strong>Patent</strong></td>
<td>Protects <strong>inventions</strong>: solution to specific technological problems; composition, process, machine, article, plant, design</td>
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<td><strong>Trademark</strong></td>
<td>recognizable <strong>sign, design or expression</strong> which distinguishes products or services from similar products</td>
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PCI Fellows

Post-Doc - SoM
Doctoral program
SEAS

Post-Doc - SoM

Post-Doc - SoM
Ph.D. program
SEAS

Ph.D. program
BGS

MD student
PCI Fellows Work On

**Intellectual Property**
- Focus on Invention Assessments
- Identify invention
- Patentability
- Market size

**Marketing**
- Work with Licensing Officers
- Generate marketing materials
- Contact companies
PCI Fellows Program: details

- **Training:**
  - intensive initial training workshop
  - mentoring
  - Monthly meetings

- **Compensation**
  - By the project ($65)

- **Work schedule**
  - Remotely
  - Flexible
  - Max 10 hrs. per week
Pre-Requisites

Penn affiliated

Advisor consent

Right to work at Penn

One year commitment required

Next session starts May 2017
Application period Jan – Feb 2017
Saratupa Basu

- Post-Doc Hematology
- PCI Fellow
- Sandoz Biopharmaceuticals (Novartis Group)
- Associate Director, Market Research & Forecasting
Andrew Boodhoo

- SEAS Master
- PCI Fellow
- Goldman Sachs
- Analyst
Troy Brady

- Post-Doc - Microbiology
- PCI Fellow
- Auburn University
- Technology Transfer Officer
Elizaneth Sweeney

- Post-Doc - Vet
- PCI Fellow
- Thomson Reuters
- Manager, Knowledge Management and Curation
Pallab Singh

- Post-Doc - SEAS
- PCI Fellow
- Riverside Law LLP
- Patent Agent
PCI FELLOWS

HOW TO APPLY

LEARN MORE

TOOLS FOR PCI FELLOWS

LEARN MORE

tomas@upenn.edu
The Technology Transfer Process

- Disclose
- Evaluate
- Commercialize

- [http://www.pci.upenn.edu/for-penn/](http://www.pci.upenn.edu/for-penn/)
Disclosure Process

- You have an invention
- Has it been publicly disclosed?
- Do you think it is novel and does it have commercial potential?
- Yes ➔ Disclose to PCI

http://www.pci.upenn.edu/for-penn/
1. An optical coherence tomography (OCT) device comprising:
1. An adjustable height hurdle comprising:
   (a) two substantially parallel horizontal hollow legs, each leg having a leading end and a trailing end;
   (b) two stationary hollow uprights, each upright extending upwardly from the trailing end of a leg, and defining an intersection between a leg and an upright;
   (c) two movable hollow gate tubes, each gate tube telescoping relative to an upright and having a top end;
   (d) a gate board connecting the top ends of the gate tubes, the gate board having a top that defines a hurdle height; and
   (e) a height adjustment system for adjusting the hurdle height to a plurality of defined heights, the height adjustment system comprising:
      (i) a wall inside each upright, each wall having a plurality of vertically spaced apart bores; and
      (ii) a vertical actuator inside each upright and gate tube, each actuator having a top attached to the gate tube, a post that engages a selected bore in the wall inside each upright, and a handle at the top for depressing the actuator.
This patent was withdrawn prior to issue.
1. A heat resistant cable or cord connecting element having two ends, one end being connected to a communications transmitter and the second end being connected to a microphone or other voice transmitting device whereby said cable or cord connector comprises a series of wire transmitting elements wherein each of said wire transmitting elements enclosed therein, and a layer of a tightly wound metallic closely formed wire sheath is formed around all of the series of wires followed by a polychloroprene rubber layer surrounding said sheath and all of said wire systems so that a degree of fire retardancy and fire extinguishing ability will be provided and wherein said polychloroprene rubber layer is manufactured from the following ingredients:
1. An arithmetic processor for measuring bone density using a correspondence relationship between a luminance value of transmitted radiation and a thickness of a reference material, the luminance value being obtained by applying radiation, which is emitted from a radiation source upon application of a tube voltage to the
Disclosure Process

- After disclosed
- PCI fellows assess patentability and market potential
- Technology transfer professionals decide on patent filing and commercialization strategy
Cardiac Medical Devices
• Electrode array for mapping and ablation of complex cardiac arrhythmias

Neuroscience
• Shockwave injury monitoring
• Nerve regeneration

Immunology
• Cell Conversion Technology

Nanotechnology
• Electronics manufacturing

Diagnostics
• Genetic testing
• Immunoassays

Artificial intelligence
• Neuromorphic Pattern Matching

Oncology
• Imaging-based therapeutics

Drug Delivery Therapeutics
• pH Sensitive Polymersomes