

SUMMIT SENTINEL

Funding a Stem Cell Solution for Parkinson's disease

**SUMMIT FOR
STEM CELL**
VICTORY OVER PARKINSON'S



California Institute for Regenerative Medicine (CIRM) Awards Summit for Stem Cell Foundation- Supported Parkinson's Research Project \$2.36 Million

Researchers at The Scripps Research Institute (TSRI) were awarded a \$2.36 million grant by CIRM for development of a patient-specific cell therapy for Parkinson's disease. The award was approved at a meeting of the CIRM governing board, the Independent Citizens Oversight Committee (ICOC) July 21, 2016.

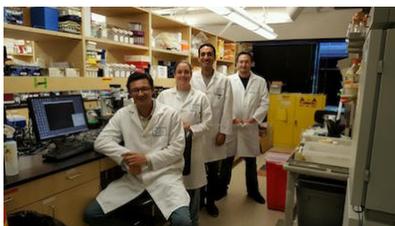
The project is supported by the patient advocacy group, Summit



**Supervisor Dave Roberts
Celebrating the Awarded CIRM**

for Stem Cell Foundation. More than 50 patient advocates attended the meeting and cheered when the funding was approved by unanimous vote of the ICOC. The research project is the global leader in the use of induced pluripotent stem cells *CIRM continued on Page 2*

News From the Lab



We are excited to get to work on the CIRM proposal!

This is a 12-month grant that will be starting in the next couple of months and will focus on the characterization of all of our patient cell lines and includes a large animal study.

The goal is to generate exciting data in support of the next CIRM grant as well as our Pre-IND meeting with the FDA.

Here is what is funded by the grant:

- **Generate** & characterize dopamine release from neurons from each patient cell line.
- **Test** and finalize the protocol to freeze the neurons prior to transplantation.
- **Characterize** animal recovery and cell behavior at three different dosages for 3 patient cell lines over a six- month period in a rodent model of PD.

In the meantime, we are raising money so we can transfer our patient cell lines to a facility to manufacture clinical grade cells. This is something we could do **now** to prepare for the clinical trail but we need to raise \$750,000 to make this happen.

Our on-going safety study is going well and we will be able to analyze data beginning of October of this year. ~ Andrés

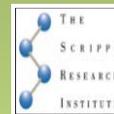
WELCOME



Welcome visitors and supporters of Summit for Stem Cell to our update. Summit has been busy! Our apologies for this delayed issue. Summit has a lot of great news to share with you! Visit our website for details.
www.SummitforStemCell.org.

ABOUT SUMMIT

Summit for Stem Cell is an **all-volunteer** grass roots effort to fund research using Nobel Prize winning science to treat the debilitating effects of Parkinson's disease. This extraordinary science called **patient specific stem cell therapy** – which does not use embryonic stem cells – utilizes a patient's *own skin cells* to create *induced pluripotent stem cells* which are further manipulated into *dopamine-producing neurons*! The very thing a Parkinson's patient needs! **AND** a DNA match! It is estimated that today for **persons 60+ the odds of having Parkinson's disease is 1 in 30. In the next 10 years, the odds will be 1 in 15.** This research is conducted in cooperation with The Scripps Research Institute and Scripps Health. Summit for Stem Cell is working hard to raise \$8 million to bring the therapy out of the lab and into the clinical phase in about 24-36 months to fund the **many** lab studies.



www.SummitforStemCell.org
Donations are tax-exempt
Tax ID #27-2938491

Mission Edge Fiscal Sponsor

Summit for Stem Cell is fiscally sponsored by Mission Edge of San Diego. All donations are tax-exempt (ID# 27-2938491). Donate on our website at:

www.SummitforStemCell.org

Checks payable to: **Summit for Stem Cell**
and mailed to: **PO Box 12319**
San Diego, CA 92112

UPCOMING EVENTS

SEPTEMBER 20 - 23

Summit will be an exhibitor at the triennial **World Parkinson's Congress** in Portland OR
3,500 in attendance representing over 65 countries! Come visit Summit at WPC!

OCTOBER 8 - 15

Trekking 28 miles to Machu Picchu to support the research. Summiteers include Parkinson's patients, medical professionals, volunteers, friends and family members. Donate in Support Today!

FALL – DATE TBD

A special fundraising event at a private residence. Reservations required.

FALL – DATE TBD

The Madison Club, La Quinta, CA
Summit supporters from the Palm Springs area are organizing an educational presentation followed by a Reception. Details TBD.

Summit NEEDS You!

Host a Fundraiser for Summit
For Information:
info@SummitforStemCell.org

Help defeat Parkinson's disease for over 1 million Americans!

Support the accelerated research with your tax-exempt donation today.

www.SummitforStemCell.org



SummitforStemCell on Facebook

Summit is Taking Research to New Heights



Only two months left for the 30 dedicated trekkers, including 9 Parkinson's patients, to train for the 28-mile hike to the ancient city of Machu Picchu in Peru! Summit's team is hiking with others and on their own to prepare for a trek that summits a 15,000-foot pass and challenges the team to accomplish a 12-mile hike in one day.



Each hiker is committed to raise a minimum of \$2,000 in support of the research. Not only are the trekkers committed to the research, they are also growing stronger both in mind and body.

Please help the trekkers reach their financial goals by donating to a hiker at:

www.SummitforStemCell.org/events/participants/5223

ATTEND A LAB TOUR

Tuesday, Sep 6, 11:00 am
Tuesday, Oct 4, 11:00 am
Tuesday, Nov 1, 11:00 am

Email:
LabTours@SummitforStemCell.org
to reserve your seat(s).
Or, reserve on-line at:
www.SummitforStemCell.org
Click on "Lab Tours"

CIRM continued

(iPSCs) to create patient-specific dopamine-producing neurons. "Our goal is to replace the neurons lost in Parkinson's disease and restore motor function to the patients. These funds bring us closer to achieving that goal," stated Dr. Loring. **For more on this article, please go to Summit's website:**
www.SummitforStemCell.org
This grant gives Summit a boost up the fundraising ladder. However, Summit needs to raise an additional \$4.5 million to file the application with the FDA.
PLEASE DONATE TODAY!

Dr. Loring's Wikipedia Launch Celebrated



Summit congratulates Dr. Jeanne Loring, head of the science arm of the research, with cake and guests at the VIP Donor Appreciation Event held at Scripps Clinic. At the event, Dr. Andres Bratt-Leal, Director of Research & Development, provided a fascinating and exciting update on the progress of Summit's research. Please check out **Dr. Loring's Wikipedia Page** today!

Dr. Paula Grisanti, CEO of the National Stem Cell Foundation visits Lab

Summit welcomed Dr. Paula Grisanti to its lab. "Summit

for Stem Cell is the type of research the NSCF was created to support. Summit's inroads towards seeking FDA approval for a therapy for Parkinson's, we anticipate, will be the first of many diseases stem cells will be able to treat and will result in improved lives for millions," stated Dr. Paula Grisanti.

