



**Hereditary  
Disease  
Foundation**

## **News from the Hereditary Disease Foundation**

### **Funding Brilliant Science**

The Hereditary Disease Foundation is excited to announce new grants and postdoctoral fellowships to ten scientists from around the world focused on finding treatments and cures for Huntington's disease.



We'll bring you more details about their research projects in the months ahead.



## **Grant Recipients and Project Titles**

### **Natalia Moreira Barbosa, Stanford University, CA**

Linking proteostasis and mitochondrial dysfunction in Huntington's disease

*Mentor: Judith Frydman*

### **Marta Biagioli, University of Trento, Italy**

A circular RNA molecule to modify Huntington's disease phenotypes

### **Mariacristina Capizzi, Grenoble Institut des Neurosciences, France**

Repairing the communication between cells in the brain in HD

### **Amit Deshmukh, The Hospital for Sick Children, Toronto, Canada**

Role of FAN1, MLH proteins as modifier of the CAG repeat mutation in Huntington's disease

*Mentor: Christopher Pearson*

### **Hassan Fakih, University of Massachusetts Chan Medical School**

Developing nucleic acid nanoparticles for improved RNAi therapeutics to treat Huntington's disease

*Mentor: Anastasia Khvorova*

### **Terence Gall-Duncan, The Hospital for Sick Children, Toronto, Canada**

Reversing the expansion mutation that causes Huntington's disease

*Mentor: Christopher Pearson*

### **Srivathsa Magadi, Linkoping University, Sweden**

Modulate immune cells of the brain to alleviate Huntington's disease

*Mentor: Walker Jackson*

### **Izabella Peña, Massachusetts Institute of Technology**

Investigating mitochondrial defects in the most vulnerable neurons in Huntington's disease

*Mentor: Myriam Heiman*

### **Sridhar Selvaraj, Stanford University, CA**

Development of a stem-cell based therapy for Huntington's disease

*Mentor: Matthew Porteus*

### **Ray Truant, McMaster University, Faculty of Health Sciences, Hamilton, Canada**

Imaging huntingtin at DNA at the atomic level

## **We Can't Do It Without You**

Thank you to our dedicated donors and new friends who have already made generous contributions to the [Nancy S. Wexler Discovery Fund](#). If you haven't already, we hope you will consider making a gift. Philanthropy is the fuel that drives research discoveries and leads to treatments and cures. Your gift will help us continue to fund the most collaborative and exceptional Huntington's disease research.



**Innovating Research...Discovering Cures**

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