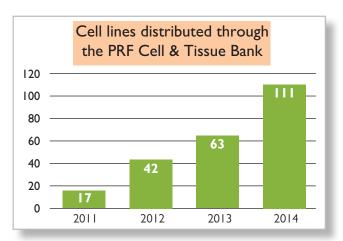
PRF 2014 Annual Report More growth, more progress, more planned to get us to the cure!

PRF's programs are thriving and expand annually with increasing numbers of children identified, researchers involved, and awareness raised. All of PRF's activities work cohesively to provide the core structure essential not only to drive Progeria awareness and research forward, but also to discover what Progeria can tell us about heart disease and aging.

From 2013 to 2014, our program growth continued at a remarkable pace. This includes a 12% increase in the number of known living children and a 76% increase in cell lines distributed to researchers – a testament to PRF's global awareness efforts and the ever-growing interest in Progeria research.

For more details on PRF's programs and services, check out **PRF By** The Numbers at progeriaresearch.org/prf-by-the-numbers and an article published in Expert Opinion authored by Executive Director Audrey Gordon and Medical Director Leslie Gordon, wherein the two PRF leaders discuss PRF's history, goals and accomplishments, and how PRF's programs have been pivotal in the journey from obscurity to treatment. progeriaresearch.org/whats new in progeria research



In recent years, there has been an exponential increase in the number of cell lines distributed to research teams: 553% from 2011 through 2014!

10 Core PRF Activities That Support Our Mission



2014 Highlights:

Longer lives for children with Progeria: PRF, Boston Children's Hospital and Brown University teamed up on a major study of lifespan in Progeria. The May 2014 study, published in the prestigious American Heart Association journal Circulation, estimated that Ionafamib – the drug tested in the PRF-funded Progeria clinical trials – increased lifespan by at least 1.6 years, over the 6-year testing period. Time will tell if the life extension is longer than 1.6 years; The longest time any of the children were on drug was 6 years, so the researchers will re-evaluate after children are on the drug for a longer period of time. This is the first evidence of treatment influencing survival for this fatal disease — an historic finding in our quest to improve health and extend the lives of children with Progeria.

*Gordon, LB et al., Impact of famesylation inhibitors on survival in Hutchinson-Gilford progeria syndrome, Circulation, 2014, 130 (27-34)

The extension and expansion of the lonafarnib-only trial continued in 2014, with record numbers of children arriving at Boston Children's Hospital throughout the year: 46 patients from 23 countries speaking 16 languages! As of 12/31/14, a total of 63 children had participated in the trial, 18 of whom are new and taking lonafamib for the first time. With the historic discovery that lonafamib improves some disease features, including the cardiovascular system and longer estimated lifespan, PRF is making it possible for children to have access to lonafamib while we continue to search for even more effective treatments and ultimately the cure.

"Flying out to Boston from Mumbai! Can't thank enough my dearest friends, beloved family, and all from PRF for making this possible!"

December 2014 Facebook post from Nihal's father, on route to his son's first trial visit. All trial expenses are covered by PRF, including travel, lodging, food, interpreters and testing.

Night of Wonder 2014 sets a new bar With a record, sold-out crowd of nearly 500 people, Night of Wonder 2014 – Lights, Camera, CURE! was a special evening as we celebrated the success of HBO's documentary Life According to Sam, and the life of Sam Berns, the remarkable boy who captured the hearts of people around the world with his extraordinary personality and inspirational view of life. The event raised \$500,000, which is being used to fund the clinical trial expansion and PRF's other research-related programs.

Many thanks to all of you for making such tremendous advancements possible. With your steadfast support, we will work to ensure that 2015 and beyond brings us ever-closer to curing children with Progeria.

Together, we WILL find the cure!



We're a 4-Star Charity!



(Left to right) Megan and Meghan, both 14 years old, were the first to enroll in the lonafarnib trial in June 2007. Their most recent trial visit was November 2014.

