Robust funding for the **NATIONAL INSTITUTES OF HEALTH** helps ensure innovation in basic research and a full pipeline of cystic fibrosis (CF) therapies.

- NIH-funded research fuels the development of new treatments and lays the groundwork for critical new therapies for those with CF.
- NIH provides critical resources for recruiting the next generation of researchers and retaining a strong scientific workforce.

A well-resourced **FOOD AND DRUG ADMINISTRATION** helps advance new CF therapies and ensures they are safe and effective.

- The FDA’s guidance and expertise is critical in overcoming barriers to developing and evaluating treatments for rare diseases.
- The FDA evaluated and approved two groundbreaking therapies to treat the underlying genetic cause of CF in record time using accelerated review pathways.
- In 2017, the FDA developed a novel approach to expand the use of Kalydeco® for certain rare CF mutations using laboratory data when a full clinical trial was not viable, saving both time and resources.
- Robust funding ensures the FDA has enough staff to thoroughly and efficiently evaluate new drugs for CF and other rare and life-threatening diseases.

The **CYSTIC FIBROSIS FOUNDATION** builds on the work of the NIH and FDA to provide additional resources for each stage of the research process. This collaborative approach is cost-efficient and yields new insights to advance CF treatments and care. To date, 13 CF therapies have been approved, including three that treat the underlying cause of the disease.

**EARLY-STAGE BASIC RESEARCH FOR CF**
- Understanding the CF gene
- CF disease models

**CF DRUG DEVELOPMENT**
- Clinical trials conducted in the Cystic Fibrosis Foundation Therapeutics Development Network
- Developing gene editing techniques

**CLINICAL CARE**
- Research grants funded through CF Lung Transplant Initiative
- Comparative effectiveness research

**HELP US CONTINUE THIS EXTRAORDINARY PROGRESS. SUPPORT ROBUST FUNDING FOR NIH AND FDA IN FY 2019.**

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