### Research Grants

**grants.nih.gov**

**R01**
- NIH Research Project Grant Program (R01)
- *Used to support a discrete, specified, circumscribed research project*
- *NIH's most commonly used grant program*
- *No dollar limit unless specified in FOA*
- *Advance permission required for $500K or more (direct costs) in any year*
- *Generally awarded for 3-5 years*

**R15**
- NIH Academic Research Enhancement Award (AREA)
- *Support small research projects conducted in institutions of higher education that have not been major recipients of NIH research grant funds*
- *Eligibility limited (see area.nih.gov)*
- *Direct cost limited to $300,000 over entire project period*
- *Project period up to 3 years*

**R21**
- NIH Exploratory/Developmental Research Grant Award (R21)
- *Encourages new exploratory research projects by providing support for the early stages of project development or for pilot and feasibility studies.*
- *Limited to two years of funding*
- *Combined budget for direct costs for the two year project period usually may not exceed $275,000.*
- *No preliminary data is generally required*

### Small Business Grants

**sbir.nih.gov**

**R43/R44**
- Small Business Innovative Research (SBIR)
- *Funds early stage small businesses that are seeking to commercialize innovative biomedical technologies*
- *Eligibility limited to U.S. small business concerns*
- *The primary employment of the Project Director/Principal investigator (PD/PI) must be with the small business concern.*

**R41/R42**
- Small Business Technology Transfer (STTR)
- *Similar to the NIH SBIR program, but requires that the small business formally collaborate with a research institution*
- *Eligibility limited to U.S. small business concerns*
- *Project Director/Principal investigator (PD/PI) may be employed with the SBC or the participating non-profit research institution*

### Three-Phase Programs

**Phase I: Feasibility and Proof of Concept:** $150,000 total costs for 6 months (SBIR) or 1 year (STTR).

**Phase II: Research/Research and Development** Only Phase I awardees are eligible for a Phase II award, <1$1,000,000 total costs for 2 years.

**Phase III: Commercialization** Not supported by NIH.

### Training and Career Awards

**researchtraining.nih.gov**

**F31**
- Ruth L. Kirschstein Predoctoral Individual National Research Service Award – supervised training for predoctoral individuals leading toward the research doctoral degree

**F32**
- Ruth L. Kirschstein Postdoctoral Individual National Research Service Award – for postdoctoral research training

**F33**
- Ruth L. Kirschstein National Research Service Awards for Senior Fellows – for experienced scientists to make major research career changes, or acquire new research capabilities

**K01**
- Mentored Research Scientist Career Development Award - postdoctoral or early career research scientists for advanced research training and additional experience

**K23**
- Mentored Patient-Oriented Research Career Development Award - for career development of clinically trained professionals carrying out patient-oriented research

**K24**
- Midcareer Investigator Award in Patient-Oriented Research - for mid-career clinicians; provides protected time for patient-oriented research and for mentoring beginning clinical investigators

**K99/R00**
- Pathway to Independence Award – initial mentored research experience (K99) followed by independent research (R00) for highly qualified, postdoctoral researchers, to secure an independent research position

**T32**
- Ruth L. Kirschstein Institutional National Research Service Award - To enable institutions to recruit individuals for predoctoral and/or postdoctoral research training in specified scientific areas