

Sandler Program for Breakthrough Biomedical Research

SUPPORTING INNOVATIVE
RESEARCH AT UCSF FOR 25
YEARS!

Dr. Joe DeRisi, Program Director

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The Program Supports

- Research that isn't "ready" for Federal Funding
- Ideas outside the current paradigm
- Proposals from new Investigators
- Proposals from cross-disciplinary teams

Funding from Philanthropy

- Investors understand the value of Bold Ideas
- University Matching Funds



University of California
San Francisco

Research Projects Supported

- New Frontiers Research - up to \$150,000 for one year - single investigator or diverse teams
 - Basic Science Research or Translational Research
- Technologies, Methodologies & Cores - up to \$400,000 for one year - single investigator or diverse teams
 - New Instrumentation or New Technology that can benefit multiple researchers
 - Flexible/Robust Matching Funds required.
- Postdoctoral Independent Research - \$15,000 for one year
 - Supporting a postdoc to pursue a project outside their primary research focus, as a way of promoting transition to independent investigator status.

How does it work?

- Two funding cycles per year, brief application period - 6 weeks
- Proposal just 2 pages
- Internal review team made up of Basic Science Faculty
- Each proposal read by 3 reviewers
- Group discussion to decide on awards and funding
- No written comments required from reviewers
- Average 40% of proposals receive funding!

PBBR Responds to SARS-CoV-2

- Spring 2020, new donor funds, matched by the University, \$2M
- Rapid funding - application turnaround less than 2 weeks
- Projects now being completed, spanning basic science discovery to direct clinical applications and community outreach!

First day children's vaccination, November 2021, Unidos en Salud event, San Francisco, attended by Governor Newsom



Finally, metrics to measure ROI...

- 903 Investigators supported to date
- 3552 Publications resulting from PBBR funded research - *that's 2.73 new papers every week!*
- 109 Patents resulting from PBBR funded research
- Grant support resulting from PBBR funded research
 - To support ongoing research, \$1,632,084,273
 - To support the University, \$431,938,935