

# NCI Funding Opportunities for Early, Mid, Advanced and Translational Stage AI Imaging Developments

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# NCI Publishes Funding Opportunity Announcements (Notices of Funds for Cancer Research)

In FY2020 NCI will pay ~1300 new, ~4000 continuing grants

- Grants support basic or applied research in cancer biology, population sciences, prevention, diagnosis or treatment,....

The most common varieties of Funding Opportunity Announcements (**FOAs**) are

- Program Announcement (**PA**). Focuses on an NCI interest
  - Some PA are **PAR** because of special **Receipt** dates, or **Referral** to limited sponsors, or special **Review** criteria
- Request for Applications (**RFA**). Focuses on a narrower interest than a PA or PAR.
  - Most RFAs have set-aside funds and use Cooperative Agreements (where a NCI scientist is appointed to participate).

# Bioengineering Grant Announcements Series: They accept AI Imaging Developments

These engineering-oriented funding opportunity announcements cover the life cycle of technology developments from early-stage through translation to market-ready

- Exploratory Bioengineering Research Grants-R21 (EBRG)  
[PAR-19-149](#) (clin trial not allowed) [PAR-19-150](#) (clin trial optional)
- Bioengineering Research Grants-R01 (BRG)  
[PAR-19-158](#) (clin trial not allowed) [PAR-19-159](#) (clin trial required)
- Bioengineering Research Partnerships-U01 (BRP)  
[PAR-19-156](#) (clin trial not allowed) [PAR-19-157](#) (clin trial required).
- Academic-Industrial Partnerships for Translation of Technologies for Diagnosis and Treatment (R01)  
[PAR-18-530](#) (clinical trial optional)

# NCI Biomedical Informatics and Information Technology RFAs for Informatics Technologies

5 Active Requests. Submission deadline 6/6/2020

- Innovative Algorithm Development: [RFA-CA-20-007](#) for R21 Exploratory- and/or (Early-Stage) Developmental Grants
- Early Stage Prototyping and Hardening: [RFA-CA-20-008](#) for U01 Research Cooperative Agreement Projects
- Advanced Development, Enhancement and Dissemination: [RFA-CA-20-009](#) for U24 Resource-Related Cooperative Agreements
- Sustainment: [RFA-CA-20-010](#) for U24 Resource-Related Cooperative Agreements
- Active-Project Revisions(upgrades): [RFA-CA-20-011](#) for R01 Projects, [RFA-CA-20-012](#) for U01 Projects, [RFA-CA-20-013](#) for U24 Projects



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