



*Request for Proposals*

**Indiana Drug Discovery Alliance (IDDA)**  
**Support Program**

**ELECTRONIC RECEIPT DATE**

**June 4th, 2018**

The Molecular Therapeutics program within the Indiana CTSI created the Indiana Drug Discovery Alliance (IDDA) as a mechanism to support and enable promising early stage drug discovery research throughout the State. Through a number of mechanisms, the IDDA has provided both financial and advisory support to a number of drug discovery researchers and projects. This following Request for Proposals seeks to identify new projects not previously submitted to our programs.

### **Call for Proposals**

The Indiana Drug Discovery Alliance (IDDA) is designed to provide seed funds and essential consultation to support early stage development of therapeutics, support collaborations across the Indiana CTSI partner institutions (IU, Purdue, Notre Dame and IBRI) and/or the use of core facilities that enable the translation of fundamental discoveries related to drug discovery. The IDDA encourages translational research projects that have very strong and immediate potential to develop into larger, externally funded research programs, or generate novel intellectual property (IP). Applicants must be full-time researchers (tenure, tenure-track, research faculty or Postdoc (will require letter of support from the primary faculty mentor and the department chair) within the Indiana-CTSI member institutions. Funds are available up to \$15,000 per project but budget and budget justification are not required at the time of submission. Funded projects will be developed in consultation with the internal advisory committee.

**The IDDA currently seeks proposals that connect chemistry to biology through three classifications:**

1. **Chemical Lead Development:**

- In vitro or in vivo biological screening and evaluation,
- target validation,
- computational design and medicinal chemistry services.

2. **Biological Target Validation:**

- Fundamental biological targets seeking assay development,
- in silico screening,
- high-throughput screening,
- chemical synthesis and/or medicinal chemistry services.

3. **Molecular design and library development:**

Projects developing new computational models for design of small targeted compound sets of relevance to future CTSI screening needs seeking chemistry services or funding to create molecules for placement in an Indiana CTSI screening library.

### **Eligibility:**

1. Applicants must be full-time researchers (tenure, tenure-track or research faculty) within the Indiana-CTSI member institutions.
2. Applications from PIs who have previously submitted applications to IDDA RFAs are eligible to submit applications in new project areas only.
3. Applications that promote interdisciplinary collaboration across institutions are strongly encouraged.

**Application Procedure:** (Application forms are available on the Indiana CTSI website here: [CTSI IDDA link](#) Use the **Start a Submission** button to upload your application.

**Page 1.** Face page: Include the title of the proposal, principal investigators and his/her affiliation, collaborator(s) and affiliation, where work will be performed. Department / School support must be indicated by completion of all signatures on the face page(s). As submission will be electronically, facsimile or electronic signatures are appropriate.

**Page 2-3.** Research Plan should have at least 0.5 inch margins and is not to exceed 2 single-spaced pages, including references. Font must be clear and readily legible and reasonable size (use Arial 11pt).

The Research Plan narrative should include:

1. *A brief background describing the drug discovery-related project emphasizing therapeutic relevance and significance.*
2. *A description of the current status of project.*
3. *A description of the current barriers that exist for project progress.*

**Page 4-7:** NIH-style biographical sketch of the principal investigators (5-page maximum). The biosketch should be provided in the new NIH format available at <http://grants1.nih.gov/grants/funding/phs398/phs398.html>. It is limited to 5 pages in length and should include positions, honors, publications and selected research projects that are most relevant to the proposed project. For those unfamiliar with the NIH format, more information can be found within section 4.6 of the [PHS398 application instructions document](#).

**Page 8-11:** NIH-style biographical sketch of the co-investigators. (5-page maximum). The biosketch should be provided in the new NIH format available at <http://grants1.nih.gov/grants/funding/phs398/phs398.html>. It is limited to 5 pages in length and should include positions, honors, publications and selected research projects that are most relevant to the proposed project. For those unfamiliar with the NIH format, more information can be found within section 4.6 of the [PHS398 application instructions document](#).

The proposal should be submitted as a single PDF through Start a Submission link found on the Indiana CTSI website here: [CTSI IDDA link](#)

**Contact Information:**

For questions regarding scope or review of the IDDA proposal, please contact:  
Padma Portonovo (pportono@iupui.edu)

For financial issues related to budgeting and grant submissions, please contact:

IBRI	Jay McGill	( <a href="mailto:jmcgill@indianabiosciences.org">jmcgill@indianabiosciences.org</a> )
IU:	Indiana CTSI Office	( <a href="mailto:icreate@iu.edu">icreate@iu.edu</a> / 317-278-2822)
Purdue:	Stacy Brown	( <a href="mailto:slb@purdue.edu">slb@purdue.edu</a> )
Notre Dame:	Rick Hilliard	( <a href="mailto:rhilliar@nd.edu">rhilliar@nd.edu</a> )

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