



Sample Exhibits for the NIAMS Resource-based Center Applications for Funding in FY2021

National Institute of Arthritis and
Musculoskeletal and
Skin Diseases

National Institutes of Health

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TABLE OF CONTENTS

INTRODUCTION	2
EXHIBIT I – Grants Supporting the Research Community	3
EXHIBIT II – Use of Resource Cores	4
EXHIBIT III – Sample of Information Useful to Reviewers	5

SAMPLE EXHIBITS FOR RESOURCE-BASED CENTER APPLICATIONS

NATIONAL INSTITUTE OF ARTHRITIS & MUSCULOSKELETAL & SKIN DISEASES

INTRODUCTION

This document provides suggested formats for exhibits to be included in the NIAMS Resource-based Center (P30) Program applications for funding in FY2021. Applications for Resource-based Centers are sought through Requests for Applications (RFAs), and the topic areas for the focus of the Resource-based Center are listed in each RFA. These exhibits apply to the three NIAMS Resource-based Centers (P30) RFAs announced in 2020 for funding in FY2021: Skin Biology and Diseases Resource-based Centers, Rheumatic Diseases Research Resource-based Centers, and Resource-based Centers for Bone, Muscle, and Orthopaedic Research. Research objectives, required components, application instructions, review criteria, reporting requirements and other information are included in the RFAs:

[Notice of Intent to Publish a Funding Opportunity Announcement for Rheumatic Diseases Research Resource-based Centers \(NOT-AR-20-013\)](#)

[Skin Biology and Diseases Resource-based Centers \(RFA-AR-21-003\)](#)

[Resource-based Centers for Bone, Muscle, and Orthopaedic Research \(RFA-AR-21-004\)](#)

EXHIBIT I – Grants Supporting the Research Community

Sample of Suggested Format

Supporting Organization & Grant Number	Key Personnel	Title	Project Period	Current Annual Amount (direct costs)
NIH 5 R01 AR#####	Doe, John (PI)	New Therapeutic Agents for Autoimmune Disease	3/1/2016 – 2/28/2021	\$467,000
			TOTAL	

EXHIBIT II – Use of Resource Cores

Sample of Suggested Format

CORE: *NAME*

Determinations/Services Rendered

- A.
- B.

<u>Users</u>	<u>Funded Projects with Identifying Number</u>	<u>Period of Core Use</u>	<u>Determinations/Services</u>	<u>Estimated Use & Comments</u>
1.				
2.				
3.				

EXAMPLE

CORE: Cell Culture

Determination/Services Rendered

- A. Fibroblast Cell Cultures
- B. Cell Isolations
- C. Special Media Preparation
- D. Isotopic Labeling

<u>Users</u>	<u>Funded Projects with Identifying Number</u>	<u>Period of Core Use</u>	<u>Determinations/Services</u>				<u>Estimated Use & Comments</u>
			<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	
1. J.F. Smith	R01AR42846-02	3/18 - 2/21		X	X		B. 4 per mo C. 15 per mo
2. S.R. Jones	K01AR41654-04	6/18 - 5/20	X			X	A. 2 per mo D. 6 per mo

EXHIBIT III – Sample of Information Useful to Reviewers

Sample of information useful to reviewers in evaluating a core. This example was developed for a tissue acquisition core.

- I. What types of samples are needed?
 - A. Diseases
 - B. Numbers of samples
 - C. Source of samples
 - D. Age
 - E. Sex
 - F. Tissues
- II. What patient population is available? Is it sufficient?
- III. What tissues are potentially available?
 - A. Neonatal foreskins
 - B. Surgical specimens of normal skin
- IV. Ability to communicate needs with clinicians:
 - A. Is there regular contact between the core director and clinicians? A Ph.D. core director may be less desirable because of lack of patient contact and lack of regular contact with clinicians, especially clinicians not part of the research effort.
 - B. How will needs be communicated to clinicians, especially residents and clinicians not engaged in research?
- V. Ability to harvest tissues and transport tissues and supplies:
 - A. Who will harvest tissues? (Same clinician who sees patients in a busy clinical setting; residents; designated member of the tissue acquisition core?)
 - B. Will these be biopsies required for patient care or will the biopsies be only for research purposes? Is it feasible to expect additional biopsies to be performed in a busy clinic?
 - C. How will the clinicians obtain special supplies required for harvesting certain tissues (flash freezing or special fixatives for electron microscopy)? Who will either transport these supplies to the clinic or maintain a stock in the clinic?
 - D. Who will transport tissues to the core? This is especially critical with frozen tissues and tissues requiring viability.
- VI. Proof of previous ability to obtain similar samples:
 - A. Publications and preliminary data demonstrating success at sample collection.
 - B. Is it necessary to pay donors?

Justify budget and required technician effort by estimating volume of samples and slides.