

Shared Resource Labs: GWG Recommendations



Gil Sambrano, PhD

Vice President, Portfolio Development
and Review

July 25, 2024

Our Mission

Accelerating world class science to deliver transformative regenerative medicine treatments in an equitable manner to a diverse California and world.



Shared Resources Labs – Proposed Functions

- **Provide researchers, locally and regionally, access to:**
 - Cell culture facility to conduct stem cell-based modeling experiments
 - Highly specialized technologies
- **Provide researchers, locally and across California, access to:**
 - Well characterized unmodified and modified hPSC collections
 - Partially or fully differentiated stem cell-based models
 - Training of researchers
- **Provide educators, regionally and/or across California, access to:**
 - Formal techniques courses for student education
 - Other student experiences with stem cell-based modeling
- **Implement sustainability plans:**
 - Fee for service, recharge
 - Alternative funding sources

Shared Resources Labs – Two Types

	Establishing SRLs 6.1	Enhancing/Expansion SRLs 6.2
Award amount	\$5.4 M (\$4.4 M w/o course)	\$4.3 M (\$3.0 M w/o course)
Applicant	In geographic areas where access to models is limited	With cutting-edge stem cell-based modeling expertise
Funding	Build (renovate)	Equip + Operations
	Equip + Operations	
Co-funding	Not Required	Required (20% of operational costs)

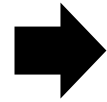
Program Budget **\$50M Total:**

Build & Equip - \$26 M

Operations - \$24 M

GWG Composition and Roles

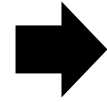
Scientific GWG
Member



Scientific evaluation (process development and manufacturing, quality, workforce development)

Provides scientific score on all applications

GWG Board
Member



Patient perspective on DEI, significance and potential impact, oversight on process

Provides a suggested scientific score

Scientific Specialist
(non-voting)

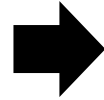


Scientific evaluation (specialized expertise as needed)

Provides initial but not final scientific score

FWG Composition and Roles

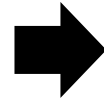
Real Estate Experts



Expert evaluation of facilities components

Provides a score on all applications

Board Members



Patient perspective on significance and potential impact, oversight on process

Provides a score on all applications

INFR Scoring System

- **Score of “1”**

Exceptional merit and warrants funding.

May have minor recommendations and adjustments that do not require further review by the GWG/FWG

- **Score of “2”**

Needs improvement and does not warrant funding at this time but, at the applicant’s option, may be resubmitted to address areas for improvement if the Application Review Subcommittee has not approved an application for funding following the Grants/Facilities Working Group’s review.

GWG should provide recommendations that are achievable (i.e., “fixable changes”) or request clarification/information on key concerns.

- **Score of “3”**

Sufficiently flawed that it does not warrant funding.

Scientific Review Criteria

Basis for Scientific Score

1. Does the project offer a significant value proposition?
2. Is the project well planned and designed?
3. Is the proposal feasible?
4. If proposed, is the Stem Cell Techniques Course well designed?
5. Does the project uphold the principles of diversity, equity, and inclusion?

Facilities Review Criteria

Basis for Facilities Score

1. Does the proposed renovation/facilities improvement project support the applicant's proposed SRL core research and educational activities?
2. Are the SRL renovations/facility improvements feasible as proposed?
3. Does the proposed SRL facility include the appropriate research equipment and laboratory configuration in support of the proposed SRL activities?
4. Are the renovation/facility improvement costs appropriate?
5. Does the applicant ensure diversity, equity and inclusion goals for design and construction?

Initial INFR 6.1 Recommendations

APP #	TOTAL BUDGET REQ		GWG SCORE	1	2	3		FWG SCORE	1	2	3		CIRM Recommendation
INFR6.1-15357	\$5,400,000		1	10	5	0		1	10	0	0		FUND
INFR6.1-15363	\$5,055,863		1	10	5	0		2	0	8	0		REVISE FACILITY
INFR6.1-15366	\$5,400,000		1	13	2	0		2	0	8	1		REVISE FACILITY
INFR6.1-15413	\$5,366,999		2	4	11	0		1	8	0	0		REVISE SCIENTIFIC PROPOSAL
INFR6.1-15478	\$5,399,996		2	0	12	3		1	5	4	0		REVISE SCIENTIFIC PROPOSAL
INFR6.1-15517	\$5,398,227		2	0	15	0		1	9	1	0		REVISE SCIENTIFIC PROPOSAL

Initial INFR 6.2 Recom- mendations

APP #	TOTAL BUDGET REQ	GWG SCORE	1	2	3	FWG SCORE	1	2	3	CIRM Recommendation
INFR6.2-15383	\$3,999,999	1	15	0	0	N/A				FUND
INFR6.2-15368	\$4,000,000	1	13	1	0	N/A				FUND
INFR6.2-15527	\$4,000,000	1	13	0	0	N/A				FUND
INFR6.2-15400	\$3,946,795	1	11	3	0	N/A				FUND
INFR6.2-15440	\$3,759,999	2	4	9	1	N/A				REVISE SCIENTIFIC PROPOSAL
INFR6.2-15416	\$4,000,000	2	1	14	0	N/A				REVISE SCIENTIFIC PROPOSAL
INFR6.2-15475	\$3,991,879	2	1	13	0	N/A				REVISE SCIENTIFIC PROPOSAL
INFR6.2-15403	\$3,950,775	2	0	15	0	N/A				REVISE SCIENTIFIC PROPOSAL
INFR6.2-15457	\$3,999,995	2	0	15	0	N/A				REVISE SCIENTIFIC PROPOSAL
INFR6.2-15513	\$3,995,356	2	0	10	5	N/A				REVISE SCIENTIFIC PROPOSAL
INFR6.2-15482	\$4,000,000	3	1	1	13	N/A				DO NOT FUND
INFR6.2-15521	\$2,603,500	3	0	5	9	N/A				DO NOT FUND
INFR6.2-15372	\$3,999,999	3	0	3	11	N/A				DO NOT FUND
INFR6.2-15501	\$2,697,046	3	0	3	12	N/A				DO NOT FUND

Recommend funding of 4 applications with a score of "1"

Recommend that these 6 applicants revise and resubmit proposal for GWG review

Recommend that the ARS not fund these 4 applications

Budget Available

\$50,000,000

	Number of Apps Recommended	Total Funds Requested	
INFR 6.1 (Establishing)	1	\$5,400,000	
INFR 6.2 (Expanding/Enhancing)	4	\$15,946,794	
TOTAL		\$21,346,794	
BALANCE		\$28,653,206	

Could support 6 additional awards

Application Status

- Following initial GWG and FWG reviews:
 - Applicants with a score of “2” were allowed to revise applications and resubmit.
 - Two applications were reviewed by the FWG
 - Nine applications were reviewed by the GWG.
- The focus of these reviews was to evaluate and score the resubmissions
 - Applicants provided a revision document, a red-lined proposal, and list of changes
 - CIRM has also provided the review summary document from the previous review

Updated INFR 6.2 Recommendations

APP #	TOTAL BUDGET REQ	GWG SCORE	1	2	3	FWG SCORE	1	2	3	CIRM Recommendation
INFR6.2-15440	\$3,641,064	1	12	1	0	N/A				FUND
INFR6.2-15416	\$4,000,000	2	1	11	1	N/A				DO NOT FUND
INFR6.2-15475	\$3,991,879	1	12	0	0	N/A				FUND
INFR6.2-15403	\$3,760,466	2	2	10	0	N/A				DO NOT FUND
INFR6.2-15457	\$3,999,995	1	13	0	0	N/A				FUND
INFR6.2-15513	\$3,994,062	2	2	10	1	N/A				DO NOT FUND

Budget Available

\$28,653,206

	Number of Apps Recommended	Total Funds Requested	
INFR 6.1 (Establishing)	3	\$15,196,021	
INFR 6.2 (Expanding/Enhancing)	3	\$11,632,938	
TOTAL		\$26,828,959	
BALANCE		\$1,824,247	