

<p style="text-align: center;">ESTADO FINAL RESOLUCION DEL CONSEJO</p> <p>Observaciones: _____</p> <p>_____</p>	<p>FECHA</p> <table border="1" style="margin: auto;"> <tr> <td style="width: 30px; height: 30px;"></td> <td style="width: 30px; height: 30px;"></td> <td style="width: 30px; height: 30px;"></td> </tr> </table>				<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <input style="width: 40px; height: 20px;" type="text"/> </div> <p>1. APROBADO 2. PENDIENTE 3. RECHAZADO 4. A FISCALIA</p>

This is only for internal use of FONDAP

EVALUATION REPORT CENTERS FOR ADVANCED RESEARCH

I. PROJECT INFORMATION

CENTER'S NAME

Center for Cell Regulation and Pathology "Joaquín V. Luco"

DIRECTOR **Dr. Nibaldo Inestrosa Cantín**

II. EVALUATION PANEL

NAME	ORGANIZATION/ INSTITUTION	E-MAIL	SIGNATURE
Mark Bothwell	University of Washington	mab@u.washington.edu	

III. PROGRAMS EVALUATION (please fill up as many forms as programs exist within the Center)

PROGRAM'S NAME

PROGRAM PROJECT 1: INTRACELLULAR PROTEIN TRAFFIC: MOLECULAR MECHANISMS, FUNCTIONAL IMPLICATIONS AND DISEASE

PRINCIPAL INVESTIGATOR Dr. Alfonso González

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *		x		
Accomplishment of objectives and goals of the reported program	x			
Quantity of the results reached regarding the objectives and goals	x			
Quality of reached outcomes related to proposal objectives and goals	x			
Degree of integration with other ongoing programs of the Center		x		
Diffusion of the results	x			

PROGRAM'S NAME

PROGRAM PROJECT 2: FUNCTION OF PROTEOGLYCANS IN MYOGENESIS AND FIBROSIS

PRINCIPAL INVESTIGATOR Dr. Enrique Brandan

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *				
Accomplishment of objectives and goals of the reported program	x			
Quantity of reached outcomes related to proposal objectives and goals	x			
Quality of reached outcomes related to proposal objectives and goals	x			
Degree of integration with other ongoing programs of the Center		x		
Diffusion of the results	x			

* If there had been none, please disregard this question

PROGRAM'S NAME PROGRAM PROJECT-3: ROLE OF PLASMA MEMBRANE NUCLEOTIDE RECEPTORS
PRINCIPAL INVESTIGATOR Dr. J. Pablo Huidobro-Toro

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *				
Accomplishment of objectives and goals of the reported program	x			
Quantity of the results reached regarding the objectives and goals	x			
Quality of reached outcomes related to proposal objectives and goals	x			
Degree of integration with other ongoing programs of the Center		x		
Diffusion of the results	x			

PROGRAM'S NAME PROGRAM PROJECT 4: ROLE OF PPARS IN NEURAL FUNCTION
PRINCIPAL INVESTIGATOR <i>Dr. Miguel Bonfman</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *				
Accomplishment of objectives and goals of the reported program		x		
Quantity of reached outcomes related to proposal objectives and goals		x		
Quality of reached outcomes related to proposal objectives and goals		x		
Degree of integration with other ongoing programs of the Center		x		
Diffusion of the results		x		

PROGRAM'S NAME <i>PROGRAM PROJECT 5: ROLE OF THE WNT SIGNALING PATHWAY IN SYNAPTIC FUNCTION AND NEURODEGENERATIVE DISEASES</i>
PRINCIPAL INVESTIGATOR <i>Dr. Nibaldo C. Inestrosa</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *	x			
Accomplishment of objectives and goals of the reported program	x			
Quantity of the results reached regarding the objectives and goals	x			
Quality of reached outcomes related to proposal objectives and goals	x			
Degree of integration with other ongoing programs of the Center	x			
Diffusion of the results	x			

PROGRAM'S NAME <i>PROGRAM PROJECT 6: TRAFFICKING, FUNCTION AND REGULATION OF THE LOW-DENSITY-LIPOPROTEIN (LDL) RECEPTOR-FAMILY MEMBERS</i>
PRINCIPAL INVESTIGATOR <i>Dr. María Paz Marzolo</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *				
Accomplishment of objectives and goals of the reported program	x			
Quantity of reached outcomes related to proposal objectives and goals	x			
Quality of reached outcomes related to proposal objectives and goals	x			
Degree of integration with other ongoing programs of the Center	x			
Diffusion of the results	x			

* If there had been none, please disregard this question

PROGRAM'S NAME
PROGRAM PROJECT 7: <i>EARLY DEVELOPMENT OF THE VERTEBRATE EMBRYO</i>
PRINCIPAL INVESTIGATOR <i>Dr. Juan Larraín</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *				
Accomplishment of objectives and goals of the reported program		X		
Quantity of the results reached regarding the objectives and goals		X		
Quality of reached outcomes related to proposal objectives and goals		X		
Degree of integration with other ongoing programs of the Center			X	
Diffusion of the results		X		

PROGRAM'S NAME
PROGRAM PROJECT 8: NEUROTROPHIN SIGNALING: CELL BIOLOGY, PROTEOLYTIC PROCESSING, AND ROLE IN CENTRAL NERVOUS SYSTEM REPAIR AND DISEASE
PRINCIPAL INVESTIGATOR <i>Dr. Francisca C. Bronfman</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *	X			
Accomplishment of objectives and goals of the reported program	X			
Quantity of reached outcomes related to proposal objectives and goals	X			
Quality of reached outcomes related to proposal objectives and goals	X			
Degree of integration with other ongoing programs of the Center	X			
Diffusion of the results	X			

* If there had been none, please disregard this question

EVALUATION CONCEPTS ANNUAL REPORT

1. **Approve:** The reviewer recommends to accept the report in its present form since he/she considers objectives and goals fully accomplished and all relevant issues covered by the report.
2. **Approval with suggestions or minor observations**
 - 2.1 **Minor observations:** The reviewer recommends the approval of the report despite the justified incompleteness of some aspects that does not constitute an obstacle for the continuity of the Center activities.
 - 2.2 **Suggestions:** The reviewer recommends minor changes in order to improve the future performance of the Center.
3. **Additional information:** The reviewer requires additional documentation or specific explanations to fully evaluate the report.
4. **Pending:** The reviewer makes significant observations to the report and conditions its approval to the accomplishment of specific demands.
5. **Reject:** The reviewer has strong objections to the contents of the report.

EVALUATION COMMENTS:

This Center continues to function effectively. The investigators of the Center are working on subjects that are central to current issues in medically relevant cellular regulation and they do with remarkable effectiveness. The rate of publication in peer reviewed international journals continues at a pace similar to the productivity in past years, and the stature of the journals in which they are publishing is, on average, significantly better than in past years, reflecting the high quality and substantial importance of the work they are doing.

Previous reviews expressed some concern for the rate of productivity of Dr. Francesca Bronfman. However, in the last year, she has been very productive, so this reviewer no longer has any concerns in this regard.

The only project leader without a publication in a peer-reviewed journal in the last year is Dr. Juan Larrain. He does appear to be making substantial progress on his projects, so one may anticipate that publications will be forthcoming. I do not see any reason for concern unless, of course, publications are lacking in later years.

The Center investigators continue to be very active in participation in international meetings, and they are engaged in many collaborations with investigators in the USA and Europe.

The institutional commitment of physical resources appears to be improved. The prospect that new space will bring investigators into closer physical proximity is extremely good news.

Generally speaking, I find the performance of this Center to be quite outstanding. The only significant shortcoming I see is that the extent of collaborative integration among the investigators is acceptable but not exceptional. This has been a consistent criticism of the Center and the investigators do appear to be making a sincere effort to make improvements in this regard. Nevertheless, fewer than ¼ of publications in the last year include more than one Investigator as author. Dr. Gonzalez, who was previously singled out as being insufficiently engaged in collaborations with other Center investigators, has made notable progress with regard to collaborative interactions. Presently, Dr. Larrain stands out for having no on-going collaborative interactions with other Center Investigators, although it is clear he is not philosophically adverse to such interactions as he engaged in a very successful collaboration with Dr. Brandon in 2005. It is expected that the anticipated reconfiguration of laboratory space will reduce the physical barriers that presently inhibit the opportunities for collaborative interactions of Dr. Larrain with others in the Center.

I encourage the Center Investigators to continue their efforts to identify areas of shared interest that may develop into fruitful collaborations. Such interactions emphasize the “value added” component of the Center grant mechanism, and solidify the social cohesion among Center Investigators that will promote the continued success of their research efforts.

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**ADDITIONAL INFORMATION REQUIRED FOR THE FULL EVALUATION
OF THE ANNUAL REPORT:**

If you require additional information or leave the evaluation pending, please indicate the documentation or explanations required to complete the evaluation. In case there are additional demands that the Center's director has to accomplish, these have to be explained so the director may take the necessary measures.

If you entirely reject the contents of the report (or significant portions of it) please indicate here the demands that should be posted to the Center' director.

RECOMMENDATIONS TO THE CENTER DIRECTOR:

(only if report is approved))

I commend the Director for the continued strong performance of the Center. I note that there has been some degree of progress in increasing the extent of collaborative interactions among Center Investigators. However, I believe that there is still room for improvement in this regard, so the Director is encouraged to continue to make this a major emphasis in the coming year.

ESTADO FINAL RESOLUCION DEL CONSEJO Observaciones: _____ _____	FECHA <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px;"></div> </div>	<div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div> <div style="text-align: left; padding-left: 5px;"> 1. APROBADO 2. PENDIENTE 3. RECHAZADO 4. A FISCALIA </div>
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EVALUATION REPORT CENTERS FOR ADVANCED RESEARCH

I. PROJECT INFORMATION

CENTER'S NAME

Center for Cell Regulation and Pathology "Joaquín V. Luco"

DIRECTOR Dr Nibaldo INESTROSA CANTIN

II. EVALUATION PANEL

NAME	ORGANIZATION/ INSTITUTION	E-MAIL	SIGNATURE
Geneviève ROUGON	CNRS IBDML Marseille France	rougon@ibdm.univ- mrs.fr	

III. PROGRAMS EVALUATION (please fill up as many forms as programs exist within the Center)

PROGRAM'S NAME

Intracellular protein traffic: molecular mechanisms, functional implications and disease:

PRINCIPAL INVESTIGATOR *Dr. Alfonso González*

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *	X			
Accomplishment of objectives and goals of the reported program	X			
Quantity of the results reached regarding the objectives and goals	X			
Quality of reached outcomes related to proposal objectives and goals	X			
Degree of integration with other ongoing programs of the Center	X			
Diffusion of the results		X		

PROGRAM'S NAME

Function of proteoglycans in myogenesis and fibrosis:

PRINCIPAL INVESTIGATOR *Dr. Enrique Brandan*

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *	X			
Accomplishment of objectives and goals of the reported program		X		
Quantity of reached outcomes related to proposal objectives and goals		X		
Quality of reached outcomes related to proposal objectives and goals		X		
Degree of integration with other ongoing programs of the Center		X		
Diffusion of the results	X			

PROGRAM'S NAME <i>Plasma membrane nucleotide receptors: physiological and pathogenic roles.</i>
PRINCIPAL INVESTIGATOR <i>Dr. Juan Pablo Huidobro-Toro</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *				
Accomplishment of objectives and goals of the reported program	X			
Quantity of the results reached regarding the objectives and goals	X			
Quality of reached outcomes related to proposal objectives and goals	X			
Degree of integration with other ongoing programs of the Center		X		
Diffusion of the results		X		

PROGRAM'S NAME <i>PPARs in neural cell function and identity of PPARs physiological ligands.</i>
PRINCIPAL INVESTIGATOR <i>Dr. Miguel Bronfman</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *				
Accomplishment of objectives and goals of the reported program		X		
Quantity of the results reached regarding the objectives and goals	X			
Quality of reached outcomes related to proposal objectives and goals		X		
Degree of integration with other ongoing programs of the Center		X		
Diffusion of the results		X		

PROGRAM'S NAME <i>The Wnt signaling pathway in synaptic function and neurodegenerative</i>
PRINCIPAL INVESTIGATOR <i>Dr. Nibaldo C. Inestrosa</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *	X			
Accomplishment of objectives and goals of the reported program	X			
Quantity of the results reached regarding the objectives and goals		X		
Quality of reached outcomes related to proposal objectives and goals	X			
Degree of integration with other ongoing programs of the Center	X			
Diffusion of the results	X			

PROGRAM'S NAME : <i>Trafficking, function and regulation of the low-density-lipoprotein (ldl) receptor-family members</i>
PRINCIPAL INVESTIGATOR <i>Dr. María Paz Marzolo</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *	X			
Accomplishment of objectives and goals of the reported program		X		
Quantity of the results reached regarding the objectives and goals	X			
Quality of reached outcomes related to proposal objectives and goals	X			
Degree of integration with other ongoing programs of the Center	X			
Diffusion of the results		X		

PROGRAM'S NAME <i>Early development of the vertebrate embryo</i>
PRINCIPAL INVESTIGATOR <i>Dr. Juan Larraín</i>

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Internal use
Degree of adoption of suggestions from the last report *	X			
Accomplishment of objectives and goals of the reported program		X		
Quantity of the results reached regarding the objectives and goals		X		
Quality of reached outcomes related to proposal objectives and goals	X			
Degree of integration with other ongoing programs of the Center		X		
Diffusion of the results	X			

PROGRAM'S NAME <i>Neurotrophin signaling: cell biology, proteolytic processing, and role in central nervous system repair and disease</i>
PRINCIPAL INVESTIGATOR <i>Dr. Francisca C. Bronfman</i>

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Quality of reached outcomes related to proposal objectives and goals		X		
Degree of integration with other ongoing programs of the Center	X			
Diffusion of the results		X		

IV. CENTER EVALUATION

ITEM	Total/ Good	Partial/ Regular	Insufficient/ Deficient	Use Interno
Degree of adoption of suggestions from the last report *	X			
Accomplishment of objectives and goals of the Center	X			
Quantity of reached outcomes related to proposal objectives and goals	X			
Quality of reached outcomes related to proposal objectives and goals	X			
Degree of integration between the programs of the Center		X		
Creation and reinforcement of international networks	X			
Outreach		X		
Diffusion of results	X			
Establishment and tasks of the Advisory Committee				

RECOMMENDATIONS (see following concepts)					
<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">X</div>	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>	<div style="background-color: #e0ffff; border: 1px solid black; width: 40px; height: 40px; margin: 0 auto;"></div>
APPROVE	APPROVAL WITH SUGGESTIONS	ADDITIONAL INFO.	PENDING	REJECT	FONDECYT USE

8 02 2008

Evaluation Date

G. ROUGON

Signature reviewer

EVALUATION CONCEPTS ANNUAL REPORT

2. **Approve:** The reviewer recommends to accept the report in its present form since he/she considers objectives and goals fully accomplished and all relevant issues covered by the report.
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4. **Pending:** The reviewer makes significant observations to the report and conditions its approval to the accomplishment of specific demands.
5. **Reject:** The reviewer has strong objections to the contents of the report.

EVALUATION COMMENTS:

I consider the report acceptable in its present form as I find the given information appropriate to fully judge the accomplished work during the reviewed period in relation with the specific objectives and goals of the Programme.

On the whole the report proves that the Center is solidly established, technically highly competent and seems to be well-connected with other groups/institutions in Chile and abroad. It may benefit in the future by maintaining and broadening its international interactions.

The Center has a clear organization and a strategic plan for its research themes. Critical and well-incorporated in the strategy are several collaborative projects linking common themes between the groups. Physicians participate to the programmes. This should allow it to maintain and further develop his leading position in the research areas that are central to its interests.

- In each sub-programmes participants have published several papers in good or high ranked journals as well as several reviews. Post-doc and graduate students are co-authors in most of them. Of note are those in J Exp Med J. Biol Chem, J. Neuroscience, Traffic, J. Cell Science, several are still under review.
- They have attended the major national and sometimes international meetings in the field.
- Two special courses have been organized, one with several major international speakers.
- Tutoring of a high number of PhDs and post doctoral students.
- A very positive initiative had been the creation of a business unit aimed to favor translational research and relationship with pharmaceutical companies.

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RECOMMENDATIONS TO THE CENTER DIRECTOR:

(only if report is approved))

Keep the web page updated.

The impressive research carried out at the Center clearly shows that its structure, consisting of group headed by senior scientists, junior groups, and central service facilities, should be preserved.