



Número: 01.DBEA01.2017

Centro de Investigación Científica y de Educación Superior de  
Ensenada, Baja California (CICESE).

## Tenure-track researcher position

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The Experimental and Applied Biology Division (DBEA) of the CICESE invites applications for a tenure-track researcher position in the Biomedical Innovation Department (DIB).

### CHARACTERISTICS AND REQUIREMENTS:

a) Education:

- Ph.D. degree and postdoctoral training.

b) Experience:

- Training in analysis and characterization of proteins via mass spectrometry, purification of recombinant proteins or proteins from natural sources, comparative analysis of protein expression.
- Ideally the candidates will have practical experience in protein sequencing and identification of non-protein molecules of model and non-model organisms, using ESI LC-MS/MS systems and bioinformatics analysis.
- Good publication track record related to proteomic in international, indexed journals.
- If the applicant is a CICESE graduate, she/he must have at least one year of experience (as a researcher or postdoc) in a scientific institution other than CICESE.

c) Capacities:

- Demonstrate the potential to develop and maintain an externally-funded research program as well as collaborations with the private and public sectors.
- The selected candidate will also contribute to the teaching mission of our postgraduate program in Life Sciences and should be committed to excellence through training and teaching of students at graduate level (Master and PhD).
- Preference will be given to candidates that belong to the Mexican National System of Researchers (SNI) or who will have the profile to apply for it (<http://www.conacyt.gob.mx/index.php/el-conacyt/sistema-nacional-de-investigadores>).
- Speak and write Spanish and English. If Spanish is not her/her native language, the selected candidate will have to show commitment to learn in the short-term.

d) Skills:

- Analysis and decision-making
- Creativity and Innovation
- Multitasking
- Leadership
- Integrity and ethic
- Responsibility
- Dynamism and enthusiasm
- Communication skills



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### SELECTION PROCEDURE:

A recruitment panel composed of investigators from the DBEA will examine all the applications received and make a first selection of candidates of interest. These candidates will be invited to the CICESE in order to present their research and research interests and to meet with the researchers of the DIB and the DBEA. The final selection will be made by the Director General of the CICESE, based on the recommendations of the panel, the researchers of the DIB and the Director of the Division. Should the recruitment panel consider that none of the applications received satisfy with the profile, a new invitation for applications will be made.

### SALARY AND BENEFITS:

- The position level and salary (including health plan, retirement health benefits and bonuses) will be assigned on the basis of the candidate's CV (according to the Statute of Academic Personal of the CICESE). The position is tenure-track but initially the contracts will be on an annual basis. The definitive contract will depend on the performance of the selected candidate.
- In addition, the selected candidate will have access to different advantages, including a complementary health plan, an employee savings plan, retirement bonuses, etc.
- A productivity bonus will also be assigned based on evaluation of candidate's performances.
- Bonus awarded by the Mexican National System of Researchers (SNI) administered by the CONACYT. In the event that the selected candidate will not belong to the SNI, it is expected that she/he will apply as soon as possible.

### APPLICATION:

Applications for the above opening will include:

- a cover letter in which will be summarized previous research accomplishments as well as research interests and objectives and teaching interests
- a curriculum vitae
- three (3) relevant research articles published by the candidate and
- three (3) letters of recommendation

All documents will have to be sent as a single PDF file to the email address of the contact.



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### ADDITIONAL INFORMATION:

#### About Ensenada and the CICESE

Ensenada (Baja California, México) is located on the Pacific coast, about 100 km south of the border with the USA and the city of San Diego (California, USA). The weather is temperate, Mediterranean style. The city is famous for its gastronomy and wines, with more than 70 vineyards in the *Valle de Guadalupe* nearby, and host many events including the *Fiestas de la Vendimia* that celebrates the wine harvest every year. With a population of more than 500,000 inhabitants, Ensenada is the main port of the Mexican North-Western area and the economical activities of the city are centered on maritime industry, agriculture, manufacturing, tourism and scientific research. With more than 12 persons per 1000 inhabitants dedicated to research, Ensenada has the highest rate of scientist per capita in México. Ensenada has several research institutions of excellency supporting basic, translational and applied research, including the Autonomous University of Baja California (UABC), the Nanoscience and Nanotechnology Center (CNyN) from the National Autonomous University of México (UNAM) as well as the CICESE.

The CICESE ([www.cicese.edu.mx](http://www.cicese.edu.mx)) is one of the federal research centers from the National Council for Science and Technology of México (CONACYT). The Biomedical Innovation Department is the newest department of the CICESE, created in 2014. Focused on addressing problem affecting the health of the Mexican and World population, it aims to develop new technologies for the diagnostic and treatment of patients using basic, translational and applied research. The department has a large laboratory area and state-of-the-art equipment, including tissue culture rooms (from biosafety level 1 to 3), flow cytometer, real-time thermocycler, next generation sequencers and mass spectrometers: 6500 CHIP Q-TOF LC/MS-MS (Agilent) y TripleTOF® 5600+ LC/MS-MS with SWATH (AB Sciex). Thanks to its location, it is possible to develop collaborations with local and regional institutions as well as collaborations with the University of California, including San Diego, Riverside, Irvine and San Diego State University the University of Arizona.

#### CONTACT:

**Pierrick GJ Fournier, Ph.D.**

Head of Biomedical Innovation Department

Experimental and Applied Biology Division

email: [fournier@cicese.mx](mailto:fournier@cicese.mx)

phone: +52 646-175-0500 ext 27213

Deadline for reception  
for of the applications:

March 15, 2017, 11:59pm PST (UTC -8).

**February 8, 2017**