



The **Bioinformatics and Complex Networks (B&CN) Laboratory**, at CINVESTAV Irapuato invites applications for the position

Research Associate

for a 2-year position, starting on August 16, 2022

The **B&CN Lab** is a multidisciplinary group formed by computer scientists, mathematicians, physicists, biologists, biotechnologists, and engineers interested in studying several topics in Biology, such as: evolution, microbial community assembly, horizontal gene transfer, comparative genomics, plant-pathogen interactions; as well as in Computer Science such as: Data Science, Deep Learning, Complex Networks, Algorithm Design, among others; using computational and mathematical approaches.

The researcher will perform projects in an interdisciplinary environment and will interact with students of our Integrative Biology and Biology & Biotechnology graduate programs. CINVESTAV offers an international environment and opportunities for international collaborations, as well as an international competent salary.

Requirements:

- Doctoral degree in Computer Science, Mathematics, Bioinformatics, Biotechnology, or related fields.
- Experience in writing scientific articles.
- Fluent programming skills.
- Capacity to formulate and solve research problems and interpret research results.
- Ability to work independently and to advise students.
- Motivation to interact with colleagues in an interdisciplinary setting.
- Fluency in written and spoken English.
- Experience with graph theory, evolution, algorithm design, grant application writing is a plus.

How to apply:

- A cover letter stating the candidate's interests and experience in the above-mentioned areas of interests, as well as motivation to join the B&CN group and the institution.
- A CV including information about former academic education and degrees, professional experience, publications, fellowships/awards, conference contributions, languages and further relevant skills and abilities.
- PhD thesis abstract.
- Two references (full name, affiliation, email & phone number)
- The application containing all documents should be sent as one PDF file to the head of the **B&CN Lab** Dr Maribel Hernández-Rosales (maribel.hr@cinvestav.mx).