



Creating paths for the development and application of bioinformatics in Mexico

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History

Since 2006, the Center for Genomic Sciences - UNAM has seen the importance of organizing programs to improve bioinformatics skills, mainly for students but also for researchers, technicians, and the general public, through workshops, seminars, and courses, among others; promoting bioinformatics in Mexico and Latin America.

To achieve these goals, it has made several efforts, first at the local level in 2006.



First Genomics workshop in Cuernavaca 2006 (Winter School in Genomics).

Workshop: Gene Prediction, Biological Sequence Databases, Functional Genomics and Biological Systems.



European Molecular Biology Network, formed in 1988, is now a worldwide network of centers in bioinformatics, with more than 30 nodes on five continents.



EMBnet Mexico, known as the Nodo Nacional de Bioinformática (NNB-CCG), is hosted by the Center for Genomic Sciences - UNAM.



NNB-CCG is a group that unites professionals and academics to support, provide services, and maintain the growth of the field of bioinformatics in research. <https://www.nnb.unam.mx/>

Objectives

- Provide **education** and **training** in bioinformatics
- **Support research** related to bioinformatics
- Establish **collaborations** with academic and commercial sectors
- Promote global **cooperation** with other networks and communities related to bioinformatics

Training in bioinformatics

In 2010, we had the first national event called "International Bioinformatics Workshops" (TIB in Spanish); and as of 2012 we carry them out internationally.



- Talleres Internacionales de Bioinformática 2021-2: Ensamble y Anotación de Genomas y Metagenomas. Del 22 al 26 de noviembre de 2021. En línea.
- Encuentro de Bioinformática en México 2021. Del 2 al 13 de Agosto de 2021. En línea.
- Talleres Internacionales de Bioinformática 2021-1: Ensamble y Anotación de Genomas y Metagenomas. Del 17 al 21 de Mayo de 2021. En línea.
- Talleres Internacionales de Bioinformática 2020: Ensamble y Anotación de Genomas y Metagenomas. Del 23 al 27 de Noviembre de 2020. En línea.
- Encuentro de Bioinformática en México 2020: TIB: 10 años aprendiendo bioinformática & CDSB Workshop. Del 3 al 7 de Agosto de 2020. En línea.
- Encuentro de Bioinformática en México 2019, conformado por los Talleres Internacionales de Bioinformática 2019 & CDSB Workshop 2019. Del 29 de Julio al 9 de Agosto de 2019.
- Talleres Internacionales de Bioinformática 2018. Del 30 de Julio al 3 de Agosto de 2018.
- UCSC Genome Browser Workshop. Viernes 6 de Octubre de 2017.
- Talleres Internacionales de Bioinformática 2017-2 (Verano). Del 24 al 28 de Julio de 2017.
- Talleres Internacionales de Bioinformática 2017-1. Del 16 al 27 de Enero de 2017.
- Talleres Internacionales de Bioinformática 2014. Del 13 al 24 de Enero de 2017.
- Talleres Internacionales de Bioinformática 2012. Del 16 al 27 de Enero de 2012.
- Semana Nacional de Bioinformática NNB-2010. Del 2 al 6 de Agosto de 2010.
- Curso "Sequence Mining in Biological Databases: A case with EMBOS and MRS". Del 22 al 26 de Marzo de 2010.
- 1er Taller de Genómica en Cuernavaca 2006 (Winter School in Genomics). Del 7 al 10 de Febrero de 2006.



TIB: International Bioinformatics Workshops



Encuentro de Bioinformática en México

Promote global cooperation with other networks and communities related to bioinformatics

As of 2018, to integrate all initiatives, we support the creation of the "Mexican Bioinformatics Network" (RMB) and the Community of Bioinformatics Software Developers (CDSB) as organizations that promote the collaboration of all related groups.



We carry out events and continuous activities to benefit collaboration groups and bioinformatics users. All our events are mainly focused on a Spanish-speaking public around the world.



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<https://www.facebook.com/NNBUNAM>

https://twitter.com/nnb_unam

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