



Societat Catalana  
de **BIOLOGIA**



**BIOINFORMATICS**  
BARCELONA

## V Jornada de Bioinformàtica i Genòmica

Wednesday, December 20th, 2017

*Sala d'Actes del Pabelló Docent de l'Hospital Universitari Vall d'Hebron, Passeig de la Vall d'Hebron, 119-129, 08035 Barcelona*

We are glad to invite you to the **V Bioinformatics and Genomics Symposium**, which will take place at the Hospital Universitari Vall d'Hebron (HUVH) (*Passeig de la Vall d'Hebron, 119-129, 08035 Barcelona*) on the **20th of December of 2017**. The symposium is organized together by the Section of Computational Biology and Bioinformatics and the Section of Genomics and Proteomics of the Societat Catalana de Biologia (SCB) and the Bioinformatics Barcelona Association (BIB). The main goal of this meeting is to foster scientific interaction between the different groups, by presenting the excellent research carried out in Catalonia in the fields of bioinformatics and genomics, such as healthcare applications, impact of recent genomic data on evolutionary science, new technological developments in genomics and bioinformatics, and new advances in our understanding of the genome in human and other organisms, among other areas.

**Structure and Program:** The symposium will consist of four sessions, including three keynote talks from internationally recognized scientists, Eileen Furlong (EMBL, Germany), Mateo Valero (Barcelona Supercomputing Center, Spain), and Mauno Vihinen (Lund University, Sweden), and oral presentations selected from the submitted abstracts, followed by a poster session. A strong focus of this symposium are students and postdocs, so we strongly encourage them to submit and present their work, and take this event as an opportunity to exercise and enhance their communication skills, as well as to widen their perception of nearby activities in bioinformatics and genomics.

The final program will be available from December 4<sup>th</sup> 2017 at:

<http://scb.iec.cat/v-jornada-de-bioinformatica-i-genomica/>

**Registration:** Registration is required **before December 13th 2017** at the symposium website. Registration is free for all members of the SCB, 20 € for students (undergraduate and PhD candidates) or members of the BIB institutions, and 40 € for other researchers. You can become a SCB member or check the BIB associated institutions at:

<http://scb.iec.cat/butlleta-de-socis/>

<http://bioinformaticsbarcelona.eu/partners/>

**Abstracts:** Participants willing to present their research as an oral communication or a poster may submit a brief abstract of their presentation (maximum 300 words, Times New Roman 12 pt, MS Word format). Abstracts must include title, authors and affiliations (including email address of presenting author). Abstract submission deadline is **November 17th 2017**.



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Oral communications should be in English and focus on general aspects of the projects (context, main goals and results), avoiding detailed technical information, with a total duration of 12 min + 3 min for questions. In case that the number of submitted communications exceeds the available time, the Organizing Committee will select the communications to be presented based on scientific interest and taking into account a balanced distribution among groups. The best communication by an student or postdoc will be given the 2017 BIB award. In addition, there will be an award to the best scientific poster voted by all participants in the poster session.

**Organizing committee:**

Xavier de la Cruz (ICREA, VHIR)  
Lauro Sumoy (PMPPC-IGTP)  
Mario Cáceres (ICREA, UAB)  
Roderic Guigó (CRG-UPF)  
Ana Ripoll (UAB, BIB)

**Support:**

Mariàngels Gallego and Maite Sánchez  
Secretaria de la Societat Catalana de Biologia  
*scb@iec.cat*  
Eva Alloza  
Bioinformatics Barcelona Association  
*comunicacio@bioinformaticsbarcelona.eu*



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### **La SCB: què és, què fa i quins beneficis dóna als seus socis**

La Societat Catalana de Biologia (SCB) fou fundada l'any 1912, fou la primera filial de l'Institut d'Estudis Catalans i tingué com a primer president el doctor August Pi i Sunyer. Després de la interrupció de les seves activitats l'any 1938, aquestes foren repeses el 1954 en la clandestinitat, i finalment, de manera pública, el 1962. Des d'aleshores, el nombre de socis i d'activitats organitzades ha anat creixent fins als mil quatre-cents socis actuals i unes cinquanta activitats al llarg de l'any, dirigides a la comunitat científica, estudiantil, docent o al públic en general. A més, edita les publicacions *Què Cal Saber* i *Treballs*, i ha editat la revista *Omnis*. La SCB s'organitza en vint-i-dues seccions temàtiques i en cinc seccions territorials, i està dirigida per un consell directiu que és elegit per l'assemblea de socis, i actualment presidit pel doctor Lluís Tort. Així, doncs, la SCB és la societat científica més antiga, amb més socis i amb més activitat del nostre país.

Els objectius de la SCB són reunir els professionals i estudiosos de les ciències de la vida del nostre país per permetre l'intercanvi d'idees i ajudar a difondre la recerca que fem dins la comunitat científica —també fora de les nostres fronteres— i a la societat en general. En definitiva, la SCB aspira a ésser el referent de la recerca en biologia al nostre país.

Els beneficis per als socis inclouen, entre d'altres, rebre la programació dels actes organitzats per la SCB, obtenir descomptes en l'assistència a les jornades científiques, tenir plaça reservada en actes amb aforament limitat, rebre les publicacions i revistes en paper al domicili, tenir descomptes en totes les publicacions i llibres del IEC, poder organitzar activitats, i tenir veu i vot en l'assemblea general de socis. Tot per només 38 € anuals els socis numeraris i 15 € anuals els socis estudiants. Feu-vos-en socis ja! <http://scb.iec.cat/butlleta-de-socis/>

### **Bioinformatics Barcelona Association (BIB)**

BIB is a non-profit association for the provision of education and training; the promotion of advanced research, knowledge and technology transfer; the stimulation of competitiveness and innovation within the industrial sector; and the provision of greater visibility as an international node in the field of Bioinformatics. BIB was established to meet the need for generating synergies between biology and computer science, for a stronger union between these areas, and for the development of high-quality education and training programmes in the creation of bioinformatic talent.

Constituted in 2015, BIB, currently, comprises over 40 leading institutions related to the Bioinformatic sector that develop their activities within the health, agrifood and technology sector. BIB members are universities, research centers, health research institutes, large scientific infrastructures and companies among others.

The association has a critical mass of internationally recognised researchers in bioinformatics with complementary profiles, ready-and-available computational infrastructures and a strong industrial and clinical sector. Jointly, these create a highly appropriate environment to establish and pursue innovative projects among all its stakeholders for the development of new products and services, in which, by combining their efforts, organizations can go beyond their current limits.

With the cooperation of all its members, BIB, will turn Barcelona—and Catalonia at large—into the scientific cluster of reference in southern Europe, and into a strategic hub for Bioinformatics worldwide, thanks to a highly developed ecosystem and a privileged geographical location, open to the world. For more information visit: <http://bioinformaticsbarcelona.eu>