

" YOUR THESIS IN BIOINFORMATICS IN FIVE MINUTES" AWARDS 1st EDITION

Doctoral research contest in Bioinformatics

RULES FOR PARTICIPATION

FIRST EDITION - 2022

1. PURPOSE OF THE CALL

The contest "Your thesis in Bioinformatics in five minutes" is an initiative born with the aim of promoting the quality, impact and communication skills of researchers who have recently defended a PhD thesis on Bioinformatics related topics.

2. REQUIREMENTS FOR CANDIDATES

Anyone who defended a PhD thesis in Bioinformatics in 2021 can participate in the contest. There are no restrictions with respect to the topic/subject, as long as it belongs to the Bioinformatics area.

3. SUBMISSION OF APPLICATIONS

Researchers interested in participating must send a video recording in which, in less than 5 minutes, they should highlight those aspects of their research that they consider most relevant and/or interesting: what was the challenge or the problem they were trying to solve? Which solution(s) they propose? Why? What are the implications of adopting the solution(s) proposed? What is the impact their work will have on the society? What is the contribution of the work towards the fulfillment of the 17 SDGs (Sustainable Development Goals)?

There, only one video per researcher is allowed. The file should be sent by email to coordination@bioinformaticsbarcelona.eu in MP4 format (WeTransfer option is also allowed).

Oral presentations should be in English and the projection of slides (Powerpoint or similar) is allowed as support.

Associació Bioinformatics Barcelona (BIB) reserves the right not to accept videos that do not meet the above requirements and/or are out of topic and/or do not meet the spirit of scientific and technical dissemination of research work done in the Bioinformatics field. Participants should guarantee that their videos do not infringe any previous confidentiality commitment about their research and can be disclosed under the terms of this contest, exonerating BIB from any responsibility in this regard.

Participants must attach a document to the video with the following information:

- **Author of the thesis:** indicate name, surname, postal address, telephone and e-mail
- **Place and date of defense:** the university, research center, company or development or defending institution and the date of defense indication.
- **Thesis title and abstract** (maximum half sheet)
- **Line/Field of research** to which the thesis belongs:
 1. Omics and Computational Genetics
 2. Structural Bioinformatics and Pharmacoinformatics
 3. Systems and Synthetic Biology
 4. Data Science in Bioinformatics and Biomedical Informatics
 5. Mathematical Modelling and Computer Science in Bioinformatics

Unless requested by the organizers, it is not necessary for applicants to provide documentary proof of any kind.

4. CONTEST DEVELOPMENT

The awards will have two phases:

4.1 Pre-selection phase

Among all the videos received, a maximum of 6 will be pre-selected for the final phase. The pre-selection will be discussed by a committee of experts appointed by BIB. BIB will notify individually the pre-selected candidates for the final phase. The list of the shortlisted presentations will be published on the BIB website.

4.2 Final phase

Participants selected for the final phase will have to present on the day of the celebration. Only face-to-face presentations will be allowed (remote participation by any means will not be allowed). The final phase will consist of an open face-to-face session in front of a jury. The order of the presentations will be determined by a random extraction, the result of which will be announced at the beginning of the session. The Associació Bioinformatics Barcelona (BIB) will facilitate the trip for those finalists who live outside Catalonia.

Participants will have a strict maximum time of five minutes to present their speech. This speech may be different from the one chosen in the pre-selection phase, although it must respect the characteristics and content indicated in point 3. The maximum 5 minutes limit is a mandatory requirement. Contestants who exceed the maximum time allowed will be automatically disqualified.

The final phase event, and consequently the presentations, may be recorded and broadcasted (live and/or deferred) indefinitely, in any medium, either by BIB and/or the mass media, via the Internet (BIB website, under a free Creative Commons Attribution-Noncommercial license (by-nc)), social media, television, press, and any other media.

5. JURY AND EVALUATION CRITERIA

BIB will appoint a specific jury for the final face-to-face phase, the composition of which will be made public once the deadline for submitting applications has passed. The jury will consider the following criteria to evaluate the presentations:

- **Clarity of the presentation:** The objectives of the research, its interest and relevance and its impact are presented in a way that is comprehensible to the general public.
- **Scientific content:** Value considerations on scientific and innovative content are added.
- **Social impact of research:** what does the research bring to the social challenges facing our society and, if so, how does it contribute to achieving the 17 SDGs by 2030?
- **Effective communication skills:** The presentation foments the interest of the audience and keeps their attention.
- **Presentation Quality:** Proper time management, well-structured and organized ideas and appropriate language is used for the audience.
- **Suitability for the line of research selected**

- ❖ The jury will award the prizes during the same session of the contest final phase.
- ❖ It will decide the winners in a private session and, in the event of a tie, the quality vote of the presidency will be decisive.
- ❖ Some of the prizes could be empty declared in accordance with the jury's assessment or in case of absence of candidates.
- ❖ The final phase and public award ceremony will take place in Barcelona on **October 20, 2022**.

6. AWARDS

The jury will award three prizes, detailed below:

First prize for the best doctoral thesis in Bioinformatics.

- A cash prize of 2,000 euros

Second prize

- A cash prize of 1,500 euros

Third prize

- A cash prize of 1,000 euros

7. CONTEST CALENDAR

- I. **Opening of the call:** June 1, 2022.
- II. **Reception of applications:** Only videos received by 11:59 pm (CEST) on July 30, 2022 will be accepted.
- III. **Publication of the members of the evaluation committee:** July 30, 2022
- IV. **Meeting of the evaluation committee for the selection of the 6 proposals that will pass to the final phase:** September 15, 2022
- V. **Publication of the 6 candidates selected for the final phase on the BIB website:** September 30, 2022
- VI. **Event of the final phase of the contest:** October 20, 2022
- VII. **Awards Ceremony:** October 20, 2022
- VIII. **Publication of final results:** October 20, 2022

8. INFORMATION ON THE COLLECTION AND PROCESSING OF THE PERSONAL DATA OF THE PARTICIPANTS

Responsible: The Barcelona Bioinformatics Association (BIB); domiciled in Barcelona, carrer Sant Antoni Maria Claret, 171, CP 08041, CIF G66578907

Types of personal data processed:

- A. All personal data that the participant provides at the time of applying to the call. Specifically: name, surname, postal address, e-mail, studies carried out.
- B. Additional data provided during the processing and management of the contest and the payment of the prize, if any.

Purposes of data processing: Management of the application and participation, and, where applicable, the payment of the prize

Legitimation for treatment: need to comply with the request to participate

Recipients: data will not be communicated to third parties without explicit consent from the participant, with the exception of the data required for the fulfillment of the legal obligations to which BIB, due to its nature and activity, is subject at all times. No international data transfers will be made.

Rights: participants may exercise their rights of access, rectification, deletion, limitation, opposition and portability by sending an e-mail to coordination@bioinformaticsbarcelona.eu. Likewise, and if they consider that the processing of their data violates the regulation, they can file a complaint to the Spanish data protection agency.

Retention of data: personal data will be retained for as long as the relationship with *BIB is maintained, and after the termination of this relationship for any reason, during the applicable

statutory limitation periods.

9. INTELLECTUAL PROPERTY

Participants who advance to the final stage authorize BIB, free of charge, to record their exhibition, reproduce it and communicate publicly live and deferred indefinitely, on the BIB website under a Creative Commons Attribution-NonCommercial License (by-nc). They also authorize BIB, free of charge, to publish their exhibition indefinitely on BIB's social media profiles and through mass media (television, press, etc.).

10. ACCEPTANCE OF THE RULES

Submitting a video implies acceptance of these terms and conditions.

Failure to comply with the rules of the call may motivate the revocation of the prizes and their reimbursement.

11. JURISDICTION

These bases are governed by current Spanish regulations. Any dispute or litigation arising from these rules will be submitted to the courts and tribunals of the city of Barcelona. Participating researchers waive any other jurisdiction that may apply to them.

12. DRIVERS

Organized by: Bioinformatics Barcelona (BIB) **in collaboration with** Roche Diagnostics

