

## AIMS Scientific Competition 2023 Regulations

### 1. Definition

- 1.1. The **AIMS Scientific Competition 2023** is a component of the *AIMS Meeting 2023* aimed at participants who have previously completed the *AIMS Meeting 2023* registration and have *On-site* tickets.
- 1.2. It is divided into three parts that consist of multiple choice questions answered through the *AIMS Meeting 2023 WebApp* or *Mobile App*.

### 2. Competition's Goals

- 2.1. To recognize and reward students' scientific knowledge and excellence, by testing them on fields regarding subjects of the basic years of the (bio)medical students' curriculum.
- 2.2. To value and instil the importance of basic (bio)medical sciences in the future clinical practice.
- 2.3. To serve as a learning opportunity for both participants and spectators.
- 2.4. To stimulate the medical interest of students in basic years.
- 2.5. To provide the opportunity for students to integrate world renowned research groups.

### 3. Terms of Participation

- 3.1. All participants with *On-Site* tickets are allowed to participate in the *Scientific Competition*.
- 3.2. Only participants who register for the competition are allowed to formally participate in the *Scientific Competition*.

- 3.2.1.** However, if there are participants who do not want to formally participate in the *Scientific Competition*, they can still answer every question through the *AIMS Meeting 2023 WebApp* or *Mobile App*, being eligible for the Audience Award.
- 3.3.** Individuals who have already completed a Medical degree at the time of the competition are not allowed to participate.
- 3.4.** Participation by any member of the *AIMS Meeting 2023* Organising Committee or Task Force, as well as by any invitee, speaker, keynote lecturer, workshop coordinator or trainer is not allowed.
- 3.5.** Every participant formally registered in the Scientific Competition is obligated to be in person at Aula Magna during the Competition.

#### **4. Registration in the *Scientific Competition***

- 4.1.** To register in the *Scientific Competition*, it is required that you:
  - 4.1.1.** Read the *Scientific Competition* Regulations and agree to abide by its rules and regulations.
  - 4.1.2.** Fill in the Activities Placement Form, stating your willingness to participate in the *Scientific Competition*.

#### **5. Admission in the Competition**

- 5.1.** Registrations not respecting the requirements will be immediately rejected.
- 5.2.** All the accepted participants will receive an email confirming their admission.
- 5.3.** The *AIMS Meeting 2023* Organising Committee reserves the right to assess every participant and refuse admission to the competition at any moment.

#### **6. Competition Collaborators**

All the questions presented throughout the different Rounds of the Scientific Competition were courtesy of accredited assistant or invited teachers in their respective fields. The AIMS Scientific Competition 2023 collaborator list is as follows:

- 6.1. Cellular and Molecular Biology:** Professor Maria do Carmo Fonseca
- 6.2. Anatomy:** Professor Miguel Brito Lança
- 6.3. Histology:** Professor Leonor Saúde
- 6.4. Physiology:** Professor Nataniel Rosa
- 6.5. Neurophysiology:** Professor Nataniel Rosa
- 6.6. Biochemistry:** Professor Miguel Castanho
- 6.7. Pharmacology:** Professor Maria José Diógenes
- 6.8. Microbiology:** Professor João Borralho
- 6.9. Immunology:** Professor Luís Graça
- 6.10. Biopathology:** Professor Miguel Rito
- 6.11. Neuroanatomy:** Professor Alexandra Santos
- 6.12. Physiopathology:** Professor Afonso Nunes Ferreira
- 6.13. Oncobiology:** Professor Sandra Martins
- 6.14. Competition Coordination:** Professor Miguel Brito Lança

## 7. Competition Description

- 7.1.** There will be three phases in the *Scientific Competition*: the *Preliminary Round*, the *Semi-Final Round* and the *Final Round*.
- 7.2.** The entire competition will be in English.
- 7.3.** The *Preliminary Round* will take place on the **14th of April 2023**, between **12:10 and 13:10** (GMT+00).
- 7.4.** The *Semi-Final* and *Final Rounds* will take place on the **15th of April 2023**, between **15:00 and 16:30** (GMT+00).
- 7.5.** The questions must be answered through the *AIMS Meeting 2023 WebApp* or *Mobile App*.

## 8. Preliminary Round

- 8.1.** Participants are to answer 20 multiple choice questions regarding 15 possible areas of knowledge, these being: Anatomy, Neuroanatomy, Biochemistry, Molecular and Cellular Biology, Oncobiology, Physiology, Neurophysiology, Histology, Pharmacology, Neuropharmacology, Microbiology, Genetics, Pathophysiology, Biopathology, and Immunology.
- 8.2.** The 10 participants with the highest number of questions answered correctly will proceed to the Semi-Final Round of the Scientific Competition.

## **9. Semi-Final Round**

- 9.1.** The 10 participants are to answer 10 multiple choice questions in a limited time, based on a clinical case that will be presented.
- 9.2.** The 2 participants with the highest number of questions answered correctly will proceed to the Final Round of the Scientific Competition.

## **10. Final Round**

- 10.1.** Each of the finalists will have to choose 5 questions from a pool of 10 areas of knowledge, these being: Anatomy, Biochemistry, Molecular and Cellular Biology, Physiology, Histology, Pharmacology, Microbiology, Pathophysiology, Biopathology, and Immunology.
- 10.2.** The participant with the highest classification on the semi-final will get to choose first.
- 10.3.** The participant with the second highest classification on the semi-final will get to choose after that.
- 10.4.** Once one participant chooses to answer a question from one area of knowledge, the following participant can no longer choose that one, being obliged to choose amongst the remaining areas.
- 10.5.** Each participant may choose two perks of the following:

- 10.5.1.** The 50-50 option: will remain only with 2 possible answers, 3 being eliminated.
  - 10.5.2.** The most voted choice of the public: the participant is allowed to see the percentages of each answer regarding the public's vote.
  - 10.5.3.** The "Call a Friend" option: use the phone to ask a friend for help answering the question.
  - 10.5.4.** The "Double points" option: before seeing the question a participant can choose to select it so the score counts as two.
- 10.6.** If the participants decide to choose one of these options, 30 seconds will be added to the normal time of 30 seconds.

## **11. Results Criteria**

### **11.1. Preliminary Round**

- 11.1.1.** The 10 participants with the highest number of correct answers will qualify to the Semi-Final Round.
- 11.1.2.** In the event of a tie, the following criteria, in order, apply for the tiebreak:
  - 11.1.2.1.** Correctly answering the question with the lowest percentage of correct responses;
  - 11.1.2.2.** Correctly answering the second question with the lowest percentage of correct responses, and so on until all questions are taken into account;
  - 11.1.2.3.** Most consecutive questions answered correctly;
  - 11.1.2.4.** Random Draw.

### **11.2. Semi-Final Round**

- 11.2.1.** The 2 participants with the highest number of correct answers will be qualified for the Final Round.

**11.2.2.** In the event of a tie, the following criteria, in order, apply for the tiebreak:

**11.2.2.1.** Correctly answering the question with the lowest percentage of correct responses;

**11.2.2.2.** Correctly answering the second question with the lowest percentage of correct responses, and so on until all questions are taken into account;

**11.2.2.3.** Most consecutive questions answered correctly;

**11.2.2.4.** Random Draw.

### **11.3.** Final Round

**11.3.1.** The participant with more correct questions out of the 5 will be the winner of the AIMS Meeting 2023 Scientific Competition.

**11.3.2.** In the event of a tie, the following criteria, in order, apply for the tiebreak:

**11.3.2.1.** Fastest average answer time;

**11.3.2.2.** Fastest answer time for the first question;

**11.3.2.3.** Fastest answer time for the second question, and so forth until the fifth question.

### **11.4.** Audience Award

**11.4.1.** The member of the audience, not directly participating in the competition, with the highest number of correct answers on the Preliminary Round and Semi-Final Round will win the Audience Award.

**11.4.2.** In the event of a tie, the following criteria, in order, apply for the tiebreak:

**11.4.2.1.** Fastest average answer time;

**11.4.2.2.** Fastest answer time for the first question;

**11.4.2.3.** Fastest answer time for the second question, and so forth until the last question of the Semi-Final Round.

**11.5.** The decisions made by the *AIMS Meeting* Organising Committee and the coordinator of the competition, respecting these criteria, are sovereign and cannot be disputed.

## 12. Award Conditions

**12.1.** All **Semi-Final** and **Final** participants will receive a participation certificate

**12.2.** The jury may decide not to award prizes if the presentations do not meet their minimum standards.

**12.3.** The prizes may not be awarded ex aequo.

**12.4.** The results will be announced publicly on the 16th of April 2023.

**12.5.** All prizes are valid for a year, and as such, **must be redeemed before the 16th of April 2024.**

## 13. Final Provisions

**13.1.** Deliberation on omitted cases not addressed by these Regulations are of the responsibility of the AIMS Meeting 2023 Organising Committee, in accordance with the applicable legislation.

**13.2.** The AIMS Meeting 2023 Organising Committee reserves the right to change, cancel or suspend the present Regulations at any moment.

**13.3.** The present Regulations are only valid for AIMS Meeting 2023.



23rd of February 2022

**The AIMS Meeting 2023 Organising Committee**



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