

# Medical Biotechnology 2020

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In recent years, the field of medical biotechnology has experienced rapid growth, leading to the development of several innovative techniques for disease prevention, diagnosis and treatment. New methodologies, including polymerase chain reaction, gene sequencing, in-situ fluorescence hybridization, microarrays, cell culture, RNA interference gene silencing, and genome editing. This chapter summarizes and updates the important techniques used in the field of medical biotechnology and the products generated using these tools. If the current rate of growth continues, medical biotechnology will soon become a major health science pillar. One of the leading non-profit medical biotechnology organizations, the world-famous Salk Institute, created a new type of stem cell in 2017, one that helped grow mice from an embryo to the adult stage in a laboratory.

The new type of cell is called an "extended pluripotent stem cell," the basis of each cell in the body.

## Best poster Awards

This award includes the Best Poster Ribbon and Certificate of Best Poster Awards. The nomination will be made by the jury, and the Poster Award Committee will process it.

The Best Poster Award will be presented to the presentation that has the best high-quality pictures of their results and to the speaker who responded to the Jury's question in the 3-hour session. The best poster awards will be recognized by the members of the Organizing Committee as the first, second and third prizes at the end of the session.

## Young Researcher Awards

We are delighted to present the Young Researcher Award for ground-breaking research and the world's ambitious creative minds. The Young Researcher Award for supporting early career scientists as part of this year's Annual Congress on Advances in Biotechnology in Spain. The nomination would be based on the quality of the analysis and the presentation. Jury members will take care of the selection process and the winner will be announced at the end of the session and awards will be given to the two students - one from the UG and one from the PG.

## Outstanding Speaker in Biotechnology 2020

This Award is offered for excellent lecture considering every presenter of the meeting, which is the most stimulating, efficient and skilled and is delivered through an impactful, influential and engaging speaker. Based on the scores offered by the Session Chair and Co-Chair for every presentation and Committee member's reading of the papers, the Scientific committee decides which lecture will collect the Best plenary Award.

## Best Keynote speaker Biotechnology 2020

Medical Biotechnology 2020 has the best keynote speaker to discuss the best keynote speakers with more citation and paper publication and the award recognizes the researchers who, through their breakthrough innovation, have made a significant contribution to research development. The nomination and selection shall be declared by the representative of the Organizing Committee and the winner shall be given the momentum by the end of the congress.