

Conference Announcement on World Cardiology Summit

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We are pleased to welcome you to the "World Cardiology Summit" after the successful completion of the series of Cardiology Congress. The congress is scheduled to take place in the beautiful city of **Rome, Italy** on **Oct 22-23, 2020**. This Heart Summit 2020 conference will provide you with an exemplary research experience and huge ideas.

The perspective of the Cardiology Conference research to help people understand how treatment techniques have advanced and how the field has developed in recent years.

The primary responsibility of the heart is to pump blood throughout the body. It pumps blood from the body – called the systemic circulation – through the lungs – called the pulmonary circulation – and then back out to the body. This means that the heart is connected to and affects the entirety of the body. Simplified, the heart is a circuit of the Circulation. While plenty is known about the healthy heart, the bulk of study in cardiology is in disorders of the heart and restoration, and where possible, of function.

The electrical part of the heart is centered on the periodic contraction (squeezing) of the muscle cells that is caused by the cardiac pacemaker located in the sinoatrial node. The study of the electrical aspects is a sub-field of electrophysiology called cardiac electrophysiology and is epitomized with the electrocardiogram (ECG/EKG). The action potentials generated in the pacemaker propagate throughout the heart in a specific pattern. The system that carries this potential is called the electrical conduction system. Dysfunction of the electrical system

manifests in many ways and may include Wolff-Parkinson-White syndrome, ventricular fibrillation, and heart block.

The mechanical part of the heart is centered on the fluidic movement of blood and the functionality of the heart as a pump. The mechanical part is ultimately the purpose of the heart and many of the disorders of the heart disrupt the ability to move blood. Failure to move sufficient blood can result in failure in other organs and may result in death if severe. Heart failure is one condition in which the mechanical properties of the heart have failed or are failing, which means insufficient blood is being circulated.

To enhance the field and make people aware of it. The organizing committee decided to hold a conference. Cardiology is one of the fast growing and developing areas of Functionality of heart and central nervous system.

People who have missed attending the past conference are most welcome to present your research ideas at the 2020 Cardiology conference. This conference will help you improve networking with eminent people in the field of transplantation.

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