



## 2020 Conference Announcement

### HIV-AIDS Meet 2020 Conference scheduled during October 29-30, 2020 Cape Town, South Africa

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HIV infection and AIDS have become a major worldwide public health problem. According to studies approximately 35 million people worldwide living with HIV/AIDS in 2013, unaware of the outcomes. AIDS (acquired immunodeficiency syndrome) is a chronic, potentially life-threatening condition caused by the human immunodeficiency virus (HIV) which damages the immune system and, interferes with body's ability to fight the organisms that cause disease. HIV is Sexually transmitted diseases which spread by contact with infected blood or from mother to child transmission during pregnancy, childbirth or breast-feeding. It can take years before HIV weakens the immune system to the point that the person is infected with AIDS.

The field of HIV/AIDS and STDs (Sexually Transmitted Diseases) is growing rapidly and its development is making tremendous impacts in medical sciences and pharmaceuticals. The importance and significance can be gauged by the fact that it has made huge advancements over the course of time and is continuing to influence various sectors.

Infant mortality rates vary around the world. In 19th century, the infant mortality rate decreased by half as the number of physicians increased by four folds. Infant mortality will reduce by 30% with the addition of one physician to every 1000 persons in a population. Child mortality is not only caused by infection and disorder but also caused by premature birth, birth defect, new-born infection, birth complication, and disease like malaria, sepsis and diarrhea.

Despite recent advances in neonatal intensive therapy, still is present significant morbidity associated with extreme prematurity that includes both short-term and long-term pulmonary, neurologic and visual impairments. These complications of prematurity not only affect the quality of life of these children in the rest of their lives, but can also cause numerous medical and economic burdens in the society. No single therapy has proven to be effective in preventing or treating developmental lung, brain and retinal injuries in preterm infants or the hypoxic-ischemic brain injury in full-term infants. Dr. Benoy Mathew will explain the Stem cell based therapy in neonates.

The elaborated information will be discussing in International Conference on HIV and AIDS to be held during October 29-30, 2020 Cape Town, South Africa.

#### References:

Stem cell based therapy in neonates by Dr. Benoy Mathew, India.

