

HEBI: HealthCare Economics BioBanking Innovation

**Special Session at GLOBAL HEALTH 2016,
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This session has been conceived by WABT Members Experts, in cooperation with AIASULAB (Artificial Intelligence and Knowledge Engineering Research Labs, Ain Shams University-Cairo, Egypt), and with IITM (International Institute of TeleMedicine, Desio, Italy), in the framework of WAB-ICET-WWO Network, as a Contribution to Global Health Perspectives, Challenges and Management for HealthCare.

The Session focuses the Challenges in Quality, Security, HealthCare Policies for Global Health Perspectives, the Impact of BioInformatics and Big Data Management, and the Strategies on Innovation and Translation in HealthCare.

In 2008 the WABT Academy (NGO founded under the aegis of UNESCO in Paris in 1997), has promoted the launching of the WABIT – World Association of Bio Info Technologies – World Association of Bio Info Technomics (French Denomination “Association Mondiale des Sciences BioInformatiques et BioTechnologiques “, Italian Denomination – “Associazione Mondiale delle Scienze BioInformatiche e BioTechnologiche “) in Global Health Economy. (BESTforHEALTH-BioEconomy and Sustainable Technology for Health).

The Design and the Scope of this new Organization is to bridge scientific and technical Communities on the Convergence of BioInformatics with BioTechnologies to be applied on Bio and Human Genetics and Stem Cells for Gene and Cell Therapy to generate new Knowledge and to propose Innovative Solutions in the Field of Human Health Medicine, especially in Preventative Medicine and in Regenerative and Personalized Therapies, and Global Health Policies.

BIOINFOTECHNOMICS (BIT) and HEALTHINFOTECHNOMICS (HIT) are the Key Stones to develop Innovative Bioproducts – BIT Products and to generate Translational Services and Providers – HIT Systems for Human Health and HealthCare Systems.

In this session, the General Framework of Regenerative Medicine, Personalized Medicine and Gene and (Stem) Cells Therapy, based on the Translational innovation in Health and Medi-

Care, is presented as a Translational Clinical Research Design and Cycle, with significant and potentially applicative Models in Health Strategies and Economics.

The implications on Clinical Ethics and International Rights and Laws are illustrated in relation to the BioBanking Repository and Storage for Cell Therapy in Regenerative Medicine for dedicated Personalized Therapy, comparing the different geo-social legislations for knowledge and technology transfer and medical tourism.

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Giuseppe (J) Tritto, HEBI: Organizer and Chair