

# Review of: "[Perspective] Is There Any Reason to Stay in Human Genetic Societies as Cytogeneticists?"

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Potential competing interests: No potential competing interests to declare.

## Review on the article- 'Is There Any Reason to Stay in Human Genetic Societies as Cytogeneticists?'

The Author **Thomas Liehr** mainly concentrates on the following key Points related to Genomic studies

1. **Human Genetics Societies**-The Societal activities were taking place very deliberately a decade ago but it has ceased & almost has stopped all its activities. Meetings that takes place between delegates of the Society Members has almost come to a stand still.. The author mainly concentrates saying that the genetic analysis & data provided both clinically & Scientifically are ignored in any Conferences , Meetings etc which is to be given a very higher preference. Nowadays Cytogenetics has become an ignored Subject but high quality Research is carried out only under genetic Mutation but not towards Chromosome creations as well as its activities. The Author mainly stresses telling that this type of growth will not take National or European Countries in the Proper direction. If this is not considered very Seriously it may lead to decline of Genetic Society which has occurred in Country like Australia.

In Australia, human genetic Society have faded & it is overtaken by Pathology Department. The Author tells that around 25years ago, when the Society ESHG has been formed, it mainly concentrated on Research, genetic technologies, new developments in the field of genetics have also been discussed.

1. **Genetic Research**-Almost in 70% of the cases, the genetic disorders are caused by Genomic Imbalance that occurs genetically. Author mainly tells in the field of Research there is a concentration of Gene Sequencing alone but there not much Research done related to Genetic disorders.
2. **Cytogenomics**- Even though cytogeneticists are mainly required in almost all the

fields, the Country like Germany have stopped educating People in the field of cytogenetics. Though some private labs gives training in this field, it is not equivalent to the Training & the Course offered at the level of Universities. Pathology has absorbed the Field of genetics even in countries like USA & Canada. But this is a big alarm sign to all the Governments.

The author mainly focusses on the present development related to the field of Genetics which is quite a danger Signal. But. the author is a good criticiser for Societies & Congresses . But still the author could have criticised on the other zones which are not focussed in the field of genetics like Gender based genetics not only with human beings but also in all other living creatures. Even Psychology related to Genetic factors is not a focussed area in present Scenario. Like this all the different fields related to Genetics which are least focussed could also be commented by Author.Gene Therapy should

also be a point of focus in National as well as International levels. Only advanced Countries are striving towards this Gene Therapy but not all other countries.

**Overall Comments-** The author could have also focussed on other danger zones in the field of Genetics which may get ceased in near future.