

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

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Concerns expressed by Dr. Liehr in this article should be taken seriously in general trend of solving all problems, both in research and diagnostics, by sequencing. Although new sequencing generations and data obtained using new sequencing platforms provide lot of genetic data, there are many cases in which they generate great amount of information that is not needed for diagnosis or management of the patient, while they do not provide information that can be gained by (molecular) cytogenetic analyses. Moreover, sequencing is often seen as a method that replaces other "older" methods and makes them insufficient, which is not necessarily the case. Such attitude can be seen not only in diagnostics, but also in educational programs, as was mentioned in the article.

I believe that this article and accompanying letter cover very important topic and should be considered by all readers from the field as well as patients who need genetic analyses and consulting.