

Human Cell Metaphase Chromosomes on the Equatorial Plate

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EDITORIAL NOTE

Journal of Cell Science & Therapy (JCEST) commemorates its decade long service in the field of Cell science. With a successful International publications record, the journal has already begun compilation of the third issue in the 11th volume. In addition to the regular issues the journal has been publishing special issues, supplements and conference proceedings from time to time. In general, the journal covers all topics such as cell biology, cell therapy and hematology. With good citation record, the journal is included in indexing databases conferring wide geographical outreach, such as Index Copernicus, Open J Gate, CAS Source Index along with simultaneous port-production digital media promotion policy. Ever since its inception in the year 2010 the journal has been consistently producing quality articles sourced from all across the world. The journal holds impeccable record of regular bimonthly issue release frequency with publication time lines.

This year, the rejection rate has been not so high, around 30% with greater emphasis on expert peer-review. The focus of the publications in the current year has been on human cell metaphase chromosomes on the equatorial plate and personalized nutrition therapy in Hashimoto's thyroiditis and herpes zoster oticus, recalcitrant to conventional therapy. Tao et al. [1] reported their research work wherein, the chromosome territories (CTs) suggest the location of the chromosomes within the cell by analyzing the karyotypes of human cells. We assume the location and arrangement of chromosomes in the cells is by the interrelationship between chromosomes. We have found in our clinical research that there is a high degree of karyotype expression, so we took a supportive position on this hypothesis but, in order to find the existence of such interrelationships between chromosomes, we conducted a statistical analysis of a large number of existing karyotypic data. In analyzed data we found a clear dominance of long arm over short arm of chromosome according to its activity, with exceptions in specific chromosomes. From the chromosomes statistical data that karyotype occurring between the short arms is relatively small then that of long arm. From the present data it was clear that the exchange of genetic material between the long-long arm is > than exchange of genetic material among long-short arm and short-short arm of the chromosome. Based on the frequency of chromosomal material exchange patterns for arrangement can be considered as circular arrangement, or honeycomb arrangement.

In order to check the effects of personalized nutrition therapy (PNT) in Hashimoto's thyroiditis and herpes zoster oticus, Yang, et

al. [2] had been developing PNT in terms of functional medicine, where its efficacy has been controversial. The diagnostic methods to analyze blood are of two types. Out of two methods, Yang devised the latter with imbibing the result of my Pulse Pattern Diagnosis (PPD). The PPD established can measure the metabolic, inflammatory, and/or hemodynamic states of major organs, using the radial artery in the wrist of each person. For example, when hepatobiliary tract cells are metabolically activated, and/or the liver is hyper-perfused, my PPD indicates correlation with the increased value of uric acid in blood analysis. The effect of vitamin B5 on liver decreases the metabolic rate and blood flow into the liver in terms of my PPD. It has been reported that vitamin B5 is important in breaking down the excess of uric acid in our body. Likewise, my blood analytic algorithm for PNT is created. I have four clinical records of two kinds of disease entities; herpes zoster oticus with acute otitis media (1 case), thyroid Hashimoto's thyroiditis (3 cases). These cases were not recalcitrant to conventional therapy but improved after PNT. In summary, PNT may be an alternative to the invincible infectious and autoimmune diseases recalcitrant to conventional therapy.

These research articles published by the journal have immense relevance and significance in to check the human cell metaphase chromosomes on the equatorial plate and personalized nutrition therapy in Hashimoto's thyroiditis and herpes zoster oticus, recalcitrant to conventional therapy.

The collective efforts and contributions of the authors, the associated reviewers, editorial board members and the journal management in publication of these quality articles are highly appreciated and commendable. Recently the journal has transited to a new domain under the brand new banner of Longdom Publishers which has given great attention to cell science study by formulating a special issue: "Cellular research on Coronavirus (COVID-19) and family". As evident, the immediate focus of the journal will be on articles pertaining to cell science, haematology, cell therapy etc. that are affected by the current pandemic situation.

REFERENCES

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