

Integrated of Magnetic, Electrical and chemical analysis for diabetic medicine

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Abstract

Many Scientists are considered that Diabetes is Molecular traffic of transport in and out of cell is cannot produce enough insulin. The reason of large molecules not directly pass through the membrane, Vesicle traffic, Molecular collision, Molecular source and destination identification, Electrical charge of cell, Molecular movement, Digestion of large molecules, Attraction between molecules, Ion Channel, Protein signal (molecular signal). Generation of new cells created using preexisting cells. So, from this all phenomenon magnetic, electrical and chemical analytical method is used to solve diabetic disease. The transported of molecules through lipid bilayer using active (simple diffusion, channel mediated, carrier mediated) and passive transport (carrier protein with energy). The integrated method of chemical, magnetic and electrical procedures are easily resolve diabetic to adopt several procedure are explored with new drug creation to solve diabetics are explored.

Keywords; Diabetics, Compounds, Molecules, Electrical Conductivity, Magnetic

I. INTRODUCTION

Diabetes is multiple etiologies of carbohydrate, protein and fat activities in metabolism results to get not properly produce insulin or inability to produce insulin with presence of hormone regulates the sugar and metabolic cum vascular mechanism. The body needs to use sugar as an energy source. The diabetic mellitus consists of Type 1 diabetes, Type 2 diabetes, Gestational diabetes, Diabetes LADA, Diabetes MODY, Double diabetes, Type 3 diabetes, Steroid-induced diabetes, Brittle diabetes, Secondary diabetes, Diabetes insipidus, Juvenile Diabetes. The diabetic disease is lead to several diseases of heart problem, kidney, vision loss, lower limb amputation, etc arise with different type of Diabetes.

II. REASON AND SOLUTION FOR DIABETIC MELLITUS

Vesicle traffic

Cellular metabolism is secrets the pancreas to absorbed by the cells from glucose. Pancreas is not much secret then sugar level is high. The cellular metabolism glucose builds more in bloodstream and traffic is appears between cells. This type of damage will affect many organ of the body like eyes, nerves, kidneys and blood vessels. Eukaryotic cells are present in nucleus, surrounded by intracellular membrane and compartmentalized. In this compartment molecules are not passed easily with the cells. The cells interactivity is necessary to molecules exchange is required.

Electrical Charge

Protein molecules repulse each other their overall charge is similar. All molecules are either positively charged or negatively charged. However, if the

molecules approach one another to close is required. So that valency forces can act, then they may be attracted each other. In electrically active nerve cells, which use Na^+ and K^+ gradients to propagate electrical signals, up to 2/3 of the ATP is used to power these pump. ATP, Enzymes and reactions may be required for active transport. Electrochemical gradients determine the molecular direction.

Stress

The force acting on a unit area in the molecules is defined as the stress. When a cell size increases in size, there is a stress on its transport mechanism to keep a steady supply of metabolites. If a cell continuous to grow in size and volume, it would be unable to meet its metabolic demands, and hence may start secreting toxic products. Many drug molecules creating Ionisation energy. This Ionisation energy increases then atomic size decreases due to attraction of force between outermost electron and nucleus. Ionisation energy reduce electron. So, electron jump is avoided and cell size decreases.

Concentration

Drug molecule converts High concentration to Low concentration and manages the equilibrium to reach all the cells for functioning. This Concentration helps us to memory feature, Transport of molecules.

Molecule collision

According to polarity of molecules, Molecules are attracted to negative to positive charged ions and repulses to same charges ions. So, molecules collision is avoided with protein channel and large molecules reduce.

Molecular Imbalance

Imbalance of H^+ and OH^- give rise to “acids and bases”, Measured by the pH, pH influence charges of amino acid groups on protein, causing a specific activity. Generation of new functional cells created

from pre-existing cells when molecular imbalance appears. Partial discharge is required due to generation of new cells.

Molecular Polarization

Polarization of molecule is reducing electron jump between elements in a molecule. Molecules are easy to move polar molecules to polar, non-polar molecules to non-polar in phospholipids.

Large molecules

Large molecules are not directly passing through the membrane. Electric charge of electric current is modified molecules to smaller size to move electron easily based on memory feature.

Attraction and magnetization of molecules

Metals are characterized by high electrical conductivity and a large number of electrons in a metal are free to move about, usually one or two per atom. Metals the interaction of the ion cores with conduction electron always makes a large contribution to the binding energy. Metals are used to increase the strength of signal.

Molecular Signal, Source and Destination

Signals and hormones from the brain alert the body. The adrenal gland releases stress hormones into the bloodstream. Cells throughout the body sense that something is happening via their receptors [14]. Cells have a unique property to respond changes in the environment. The signals received from the environment are generally processed and integrated in specific regions of the nervous system.

Proteins on the molecules and target membrane sides bind in specific combinations, ensuring precise molecular cargo to the right destination. Ions triggered release of neurotransmitter. The nervous system is made up of a large number of cells, which have to receive information, transmit them to appropriate centre of coordination, interpret different inputs in a purposeful manner and conduct the commands to relevant destination, and times

store the information for future retrieval. All these functions are carried out by neurons.

Storage and Transmission Information

Cells are synthesized from the sequence of all RNA molecules, protein of all amino acids. While RNA synthesis, Protein synthesis and RNA of each processing are consists of several signals based on storage and transmission with start and stop signals during cell activity. Creating molecules are interacts between set of signals and components of the cells based upon signal of particular RNA or Protein with their time. During replication process signal are provided several features of chromosome presence of DNA. These are the main functionality is required to solution for Diabetic medicine through chemical analysis method.

III. MOLECULAR FORCE

Chemical compounds are required to force for functionality with effectively throughout the body or resist the body depending upon the conditions. Force is consists of electric and magnetic mechanism with converting chemical to change features of medical activities. Every drug is depends only electric or magnetic force is applied but not thinking to move both magnetic and electric forces.

Force of the particle with charge q will be in Electric field

$$\text{(Electric Force) } F = qE$$

Force of the charged particle in magnetic field

$$\text{(Magnetic Force) } F = qv \times B = qvB\sin\theta$$

Where ' θ ' is the angle between the magnetic field and the particle, B magnetic vector, ' v ' velocity and ' q ' is charge.

Lorentz Force

The Lorentz force is the combined force of magnetic and electric force together on a charged particle.

$$\text{(Lorentz Force) } F = q[E + vB\sin\theta]$$

Where ' q ' is the charged particle, ' v ' is the velocity, ' E ' is the Electric field, and ' B ' is the Magnetic field.

These types of electromagnetic chemicals are required in medicine processing and no side effects while chemical changes is necessary.

Example of Electrical Conductivity and Magnetic Susceptibility from ingredients for chemical compounds collection based on effective electromagnetic properties [9].

SL No	Name of the ingredient	Electrical Conductivity (mmhos/cm)	Magnetic Susceptibility
1	Clove	10.05	0.83
2	Mace	4.5	1.074
3	Star Anees	8.2	1.278
4	Cinnamon	2.25	1.185
5	Fennel	14	0.849
6	Nutmeg	5.3	1.538
7	Garlic	3.2	0.54
8	Long Pepper	10	0.615
9	Curry Leaves	5.1	0.78

TABLE I Electrical Conductivity and Magnetic Susceptibility of Natural compounds from ingredients

IV. MAGNETIC, CHEMICAL AND ELECTRICAL METHODS

The selection of the compound based on electrical conductivity and magnetic susceptibility of natural ingredients only. Chemical compounds are classified based on oxygen atoms to oxides, one or more hydrogen atoms to hydrides, one or more halogen to halides, compounds of carbon atoms to organic, two or more compounds other than carbon atoms to inorganic compound. Each chemical compound consists of their own reactivity mechanism to several situations with effective manner. Selecting chemical compound to preserve disease is one of the crucial things in the world. Compounds are mapped with biological activity to enhance the functionality for several disease solutions using clinical trial of results from the animal tests. Today, computerised steps to find real factors of diseases and controlling of disease are required because innovation of new drug is not created. During drug and discovery development is required more number of years with clinical trials is must necessary. A change in which new substance is formed and which cannot be reversed by reversing. This condition is called chemical change. During chemical changes, some chemical properties changes or no changes. The challenge is to convert useful diabetic medicine through chemical analysis based on molecular functionality.

Chemical reactions are required for following features

- High concentration to apply memory features, stress, taste, etc.
- Break the molecular collision.
- Reagents and metals.
- Electrical conductivity and Magnetization.
- Spread all anti-diabetic chemicals.
- Symbiotic functions.
- Reduce antibiotics and Tablet making.

From these steps, All Compounds are test with solubility of the Compound.

All the compound tests are

- Soluble in cold or water.
- Soluble in dilHCl.
- Soluble in dilNaOH.
- Soluble in NaHCO₃

Convert unsaturated (except natural compound) compounds (Insoluble) to saturation (Single bond) using Palladium or Nickel catalyst only. Anti-diabetic chemicals are applied to boiling process, ice-cold water, Crystallization using freezing, strength of pellets, negatively and positively charged components, convert gases to solid, Use Hoffmann Electrolysis (20V) Apparatus method to separate the cathode and anodes respectively, evaporation method, etc. Using Parameters of fluidized bed processor technique to make Enteric coated pellets tablets around 1000 to 2000. Most of the molecules are natural compounds to make synthesis the tablet for chemical reaction of multiprocessing, multi functioning of throughout the body. Finally, unbalanced sugar level optimized (low/high) by releasing of gas. All compounds have Chemical properties, Physical properties, Synthesis, Biological activities, Safety/toxicity information. Reaction mechanism are convert inactive compound to active compounds using different processes. This type of medicine changes the taste oral receptor hormone and main functionality in molecule of cells. All chemicals are functionality of absorption, metabolism activities. In this drug, use many chemicals for avoiding side effects of several diseases, multi-drug resistant; improve the sensor cells (eye, nose, tongue, ear, skin) and other biological activities. Several compounds contain electrical conductivity and magnetic balance of molecules. More number of molecules are gives extra energy to protect multi-functionality for one function. This energy is not considered as side

effects. This Ionisation energy increases then atomic size decreases due to attraction of force between outermost electron and nucleus. For drug interaction use many molecules of reagents, lubrication, and tablet size.

V. PROBABILISTIC RESULTS

The force acting on a unit area in the molecules is defined as the stress. Tablet is reduces the force of the molecules move and hence high processing time due to inertia of moving molecules. So, it is useful for memory features retrieving path, easy to move polar molecules to polar, non-polar molecules to non-polar, Electrochemistry of electric current is modified molecules to smaller size to move electron easily based on memory feature. Finally, all molecules move their correct destination using memory features / long standing of enigma. Polarization of molecule is reducing electron jump between elements in a molecule. Molecules provide the long time to stay nutrients. Metals are characterized by high electrical conductivity and a large number of electrons in a metal are free to move about, usually one or two per atom. Metals the interaction of the ion cores with conduction electron always makes a large contribution to the binding energy. Metals are used to increase the strength of signal. So, molecular traffic is avoided with presence of molecule path signals. Active compounds are reduces diabetes and other compounds are supportive. Molecular imbalance builds extra cells (functional cells). Functional cells are synthesis the acidity to release gas. Creating cells, partial discharge cell due to generation of cell continuously is going on. Magnetization of molecules balances the attraction of molecules depending upon the memory features. Attraction of the molecules is Lorentz force.

VI. CONCLUSION

Delivery of large molecules of proteins, peptides and nucleic acids into the cells from the cell membrane is method of medicinal chemistry. Many compounds are exists in many medicinal herbs with

their chemicals are useful in many functional behavior in our body. But medicinal functionality is required to find the path way to 'what are the steps necessary to create new drugs with multiple features and no side effects during chemical changes are very important factor is involved any pharmaceutical company to represent the specific goal of our medicine'. In our chemical steps are mainly involved diabetic reduction ways of representing the reason with solution of the problem. Natural ingredients with magnetic, electric and chemical properties are required to reduce diabetes with mining of clinical properties of mathematical observations based on practical methods accepted conditions in medicine is required.

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