OPEN ACCESS

Saudi Journal of Medical and Pharmaceutical Sciences
Abbreviated Key Title: Saudi J Med Pharm Sci
ISSN 2413-4929 (Print) | ISSN 2413-4910 (Online)
Scholars Middle East Publishers, Dubai, United Arab Emirates
Journal homepage: https://saudijournals.com

Review Article **Medicine**

Identification of Microwave Frequency Overlap Effect of Brain Chemicals

Bhaskaran Sumathy Manoj[1]*, Bhaskaran Sumathy Sunil[2]

[1]Professor, Dept. of Pulmonary Medicine, Late Baliram Kashyap Memorial Government Medical College, Dimrapal, Jagdalpur, Bastar, Chhattisgarh
[2]MTech, IT Professional, Trivandum

DOI: https://doi.org/10.36348/sjmps.2026.v12i03.004 | **Received:** 21.01.2026 | **Accepted:** 16.03.2026 | **Published:** 19.03.2026

***Corresponding author:** Bhaskaran Sumathy Manoj
Professor, Dept. of Pulmonary Medicine, Late Baliram Kashyap Memorial Government Medical College, Dimrapal, Jagdalpur, Bastar, Chhattisgarh

Abstract

This work is about the brain chemicals, and their possible natural catabolic products. Effort has been made to identify if the microwave frequencies of these by products are same as the microwave frequency ranges of sodium and Potassium in ionic solutions present in as well as outside a neurone. It could be a factor responsible for dementia. It is found that excess by products of Tau fragment and Human prion peptide 2 had the same microwave frequency of sodium and Potassium in ionic solutions present in as well as outside a neurone. Therefore, it can affect the neuronal functioning. Efforts have also been made to identify, if any of these Brain chemical bind to each other and block the normal neuronal functioning. In this effort, it is noted that, excess of Human prion peptide 1 can bind to Tau-441 protein. This can affect neuronal function.

Keywords: Brain Microwave frequency, Elemental interaction ratio, Tau, Prion.

INTRODUCTION

Dementia is a syndrome usually of a progressive or chronic nature, caused by various brain diseases that lead to deterioration in cognitive functions, beyond what might be expected from normal ageing (W.H.O).

It affects usually older age group people. Causes are many, causing cortical and subcortical dementia. This is a major problem in the society. In this work effort has been made to find out how the most implicated brain protein Tau in excess is responsible for this. Tau and Prion, are essential proteins for neuronal function.

Aim:

(1) To identify microwave frequencies of possible natural byproducts of catabolism of selected 5 brain chemicals i.e., (1) Gluamate, (2) Acetylcholine, (3) Serotonin, (4) Tau fragment, (5) Prion peptide 2, that interferes with microwave frequencies of Sodium Potassium within ionic solutions inside and out the neurone-which is approximately 1-100 Giga Hertz.

(2) To identify if the by-product of Human Prion peptide 1 binds to any of the brain chemicals and then neutralizing its essential function.

METHOD

Section-1-

Find out possible natural by products of brain chemicals i.e., (1) Glutamate, (2) Acetylcholine, (3) Serotonin, (4) Tau fragment, (5) Prion peptide 2 using the elemental interaction ratio's [1]. Elemental interaction ratios are of two kinds. They are Anabolic Elemental interaction ratio and Catabolic Elemental interaction ratio. The one that will be used for this calculation is Catabolic Elemental interaction ratio.

They are:

Carbon-4/9
Hydrogen-1/3
Nitrogen-3/7
Oxygen-2/5
Phosphorous-3/7
Sulphur-2/5
Fluorine-1/3

In next step, we find out Microwave frequencies of all the chosen main 5 (five) brain chemicals along with that of Sodium and Potassium in

ionic solution within the neurone and outside the neurone. Then check if it is within the same range.

Section-2-

The effector protein of an essential brain chemical that, Human prion peptide 1 can bind to, is identified using an formula [2] i.e., Log A/Log B=64.5/CHNO, where A is for elemental molecular weight of drug constituent and B is elemental molecular weight of the constituent of Deoxyribose nucleic acid Acid.

REVIEW OF LITERATURE

Dementia has remained a bane of the society. In this work, effort has been made to identify the reason, why excess of tau protein and excessive misfolded Prion protein can be detrimental to mental function.

Observation:

Table 1:

S. No:	Chemical	Possible natural byproduct	Microwave frequency range (MFR) of byproducts	MFR of byproducts, overlapping with the MFR of Sodium Potassium (≈ 1-100 Giga Hertz)
1	Glutamate $C_5H_8NO_4^-$	$C_2H_3O_2$	≈2-40 Giga Hertz	YES
2	Acetylcholine $C_7H_{16}NO_2^+$	C_3H_5O	≈1-300 Giga Hetrz	YES
3	Serotonin $C_{10}H_{12}N_2O$	C_4H_4N	≈ 1-20 Giga Hertz	YES
4	Tau fragment $C_{36}H_{63}F_3N_{10}O_9$	$C_{16}H_{21}FN_4O_4$	≈ 1-100 Giga Hertz	YES
5	Prion peptide 2- $C_{68}H_{112}N_{18}O_{22}S_2$	$C_{30}H_{37}N_8O_9S$	≈ 1-100 Giga Hertz	YES

Table 2: Chemical formula Human Prion peptide1: $C_{80}H_{138}N_{26}O_{24}S_2$

S. No	Elements of Prion Peptide 1	Molecular weight of Effector protein/Binding Protein
1	C_{80}	48.7 Kilo Daltons
2	H_{136}	45 Kilo Daltons
3	N_{26}	40.8 Kilo Daltons
4	O_{24}	57.9 Kilo Daltons

Observation:

Table-1

In this table, it is observed that catabolic by products of Tau and Prion peptide protein 2, have the same microwave frequency range of ≈ 1-100 Giga Hertz, overlapping with the Microwave frequency range of Sodium and Potassium in ionic solutions within and outside a neurone.

Table-2

In this table, it is observed that Human prion peptide 2, binds to Tau -441 protein having a molecular weight of approximately 45.8-45.9 Kilo Daltons.

CONCLUSION

Excess of Tau fragment and Human prion peptide 2 will result in excess of its catabolic by products. They share the same microwave frequency range of ≈ 1-100 Giga Hertz with that of sodium and Potassium in ionic solutions present in as well as outside a neurone, which can affect the neuronal functions. So, mental functions include memory becomes a casuality Memory is a fleeting thought in terms of electric sparks created by coursing of charges across the neuronal membranes. These charges are gained from ionic solutions like NaCl and KCl. These solutions are present within and outside any typical neurone. To replicate the fleeting moment of electric spark, synaptic rearrangement is done through repetitive thought focusing. Synaptic rearrangement happens, at the minimum in few seconds.

Microwave frequency range of ≈ 1-100 Giga Hertz covers L, S, C, X, Ku, V, W bands of microwave frequency range. So, more research is needed to better understanding about the microwave frequency overlap and for developing future technologies.

Tau is a necessary for microtubules and intracellular functions. Similarly, Prion protein is necessary for Copper homeostasis and neuronal protection. If excess of Prion peptide 1 can bind to Tau-441, also an essential protein, can affect neuronal functioning.

BIBLIOGRAPHY

1. Bhaskaran Sumathy Manoj & Bhaskaran Sumathy Sunil (2025), Identification of origin and end of life on earth, Saudi J Med Pharm Sci,11(12):1183-1186
2. Bhaskaran Sumathy Manoj (2025), Identification of Basic Effector Proteins of Drugs and Vice Versa. Saudi J Med Pharm Sci,11(2):125-130.