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Implementation of flare-out situation with restructure-riffler-branch-dot on diffusiveness fluctuation of fabricated function material-object on porous of stratified epithelium

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Abstract: A technique for determining flare-out fluctuation in stratified epithelium cells that maintain a resonance state with a riffler-branch-dot pattern is identified by the instantaneous recognition rate (IRR) and distinction recognition rate (DRR). We aim to produce a form of flare-out perceptibility that identifies the conditions regulating the perceptibility rate in a diffusiveness resonance system. In stratified epithelium cells, fluctuation takes the shape of a riffler-branch-dot, so we decided to search for a diffusiveness-down structure according to the flare-out situation layer, and a flare-out porous value appeared. In the flare-out porous, the awareness rate concept has a flare-out resonance function, so the fluctuation signal appeared to confirm the instantaneous velocity and vacuum velocity. The flare-out fluctuation of IRR-DRR confirmed that the flare-out resonance function in porous showed a maximum-minimum value. In the flare-out resonance situation, the fluctuation was found to be the flare-out porous value. Wr-af-FA-α MAX-MIN is far fluctuation of 17.19±3.43 units, Wr-af-CO-α MAX-MIN is convenient fluctuation of 6.11±1.18 units, Wr-af-FL-α MAX-MIN is flank fluctuation of 2.32±0.63 units, and Wr-af-VI-α MAX-MIN is vicinage fluctuation of 0.36±0.05 units. Diffusiveness resonance in stratified epithelium cells can be confirmed by the ability of IRR-DRR to estimate the flare-out resonance function with the coarse degree awareness rate by calculating the coarse transient discrimination function represented by the awareness rate system. We can estimate the morphology of the flare-out porous through the vacuum signal, and we can estimate the diffusivity data of the diffusivity resonance rate through the diffusivity awareness system.

Keywords: *Flare-out awareness function, Flare-out riffler-branch-dot resonance, Flare-out-resonance function, Transient-distinction awareness level.*

1. Introduction

Stratified epithelium cells are simple squamous epithelium cells, which are composed of stratified squamous, stratified cuboidal, pseudostratified columnar, pseudostratified columnar epithelium, and transitional epithelium. The composite image displays the continuously changing state of thousands of microscopic images in a few seconds to confirm the image as a pathological finding. Stratified squamous epithelium is an epithelium composed of multiple layers of flat epithelial cells arranged on top of a basement membrane, with only one layer of the epithelium abutting the basement membrane and the other layers adhering to each other to maintain structural integrity. This epithelium is called squamous epithelium, and although not all epithelial cells in all layers are flat, they vary in shape depending on their position on the surface, and in deeper layers, the cells are columnar or cuboidal [1]. Although there are no intercellular spaces, squamous epithelium is well suited to areas of the body that are subject

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to constant wear and tear because the thickest layer is sequentially shed and replaced before the basement membrane is exposed. It forms the outermost layer of skin and lines the lining of the mouth, esophagus, and vagina [2]. The outer keratin layer of the stratified squamous epithelium is made up of dead squamous cells that have exfoliated into the stratum corneum, and the stratum corneum is periodically shed. The non-keratinized surface needs to stay moist without drying out through body secretions, and the cells in the stratum corneum sometimes remain without keratin. Non-keratinized stratified squamous epithelium lines the oral cavity, pharynx, conjunctiva of the eye, upper esophagus, small intestine, female external genitalia, and vagina. In the shallow layers of the non-keratinized epidermis, there is a keratinized surface of varying thickness, depending on the age of the epithelium and the amount of damage it has received, with a small number of keratinocytes present. The keratinized surface of the stratum corneum is protected by the protein keratin, which makes the epithelium impermeable and dry. Stratified squamous epithelium is found in the skin, the epidermis of the palms and soles of the feet, and the mucous membranes of the mouth [3].

The coarse function of stratified epithelium cells can be represented as a transient-distinction as a fluctuation in flare-out awareness, which is a technique for flare-out awareness. The coarse function at the transient-distinction level represents the flare-out resonance point of the riffler-branch-dot with the flare-out awareness value configured in the stratified epithelium cells. By inferring the transient-distinction that can be measured with a flare-out awareness system that can be configured with data, we aim to create a flare-out awareness system that expresses stratified epithelium cells by using a simple flare-out awareness value.

2. Theory

2.1. Flare-Out Awareness

Flare-out awareness function (Flo-AF) is measured for the in squamous epithelium cells to definit a score resonance of the upper layer riffler-branch-dot. Flo-AF is Overall Resonance Level (OSL), Far-Convenient Resonance Level (FCRL) and Flank-Vicinage Resonance Level (FVRL). Degrees levels of flare-out porous are checked to search the path of phase periphery the side layer through standard deviations from the main-riffler-branch-dot. Flo-AF resonance level scores receive in far-convenient (FC) and flank-vicinage (FV) that implied the integrate displacement for coarse fabricate signal. Displacements of horizontal with x-direction Flo-FC-axes and from vertical with y-direction Flo-FV-axes were hunt for at Flo-AF-FC and Flo-AF-FV. FCRL of flare-out porous checked respectively amplitude and phase of the received fabricate signal. Assessed I and Q are the far-convenient and flank-vicinage from Flo-AF-FV and Flo-AF-FC. Modulated carrier in far-convenient (FV), Flo-FC is on the Flo-AF, Flo-FV is the modulating of FV on the Flo-AF, $\Delta P_{\text{Flo-AF}}$ is amplitude and phase, received fabricate signal of the $I_{\text{Flo-FC}}$ and $Q_{\text{Flo-FV}}$ on the Flo-AF [4, 5](1,2). Eq (1,2) hunt for as $\Delta P_{\text{Flo-AF-FC}}$, $\Delta P_{\text{Flo-AF-FV}}$, Δ_γ (the absolute value).

$$\Delta P_{\text{Flo-KF}} = \frac{I^2_{\text{Flo-FC}} + Q^2_{\text{Flo-FV}}}{Z_0},\ \varphi = \arctan\frac{Q_{\text{Flo-FV}}}{I_{\text{Flo-FC}}} \quad (1)$$

$$|\Delta_\gamma| = \sqrt{I^2_{\text{Flo-FC}} + Q^2_{\text{Flo-FV}}} = \sqrt{\Delta P_{\text{Flo-FV-FC}} + Z_0} \quad (2)$$

Z_0 : receiver input

The indirectly checked upper layer riffler-branch-dot score data, reindicate as

Δ_γ : Differential reflection coefficient of Flo-AF-FC and Flo-AF-FV to be concern (3)

$$\angle(\Delta_\gamma) = \arctan\frac{Q_{\text{Flo-FV}}}{I_{\text{Flo-FC}}} = \varphi \quad (3)$$

Eq3 of the experiment setting, that includes flare-out layer and system from communicated properly coarse monitoring [6].

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2.2. Flare-Out Upper Layer Function (Flo-ULF)

Flo-ULF in the flare-out porous divided Flo-ULF-FV and Flo-ULF-FC. The Flo-ULF-vlaue is combination calculation by Ω-Flo-AF, sensitivity level to FV-FC and Ω-Flo-AF fluctuations. Eq4 is the Ω-Flo-AF of the Flo-ULF in the Flo-ULF-FC and Flo-ULF-FV.

$$\Omega\text{-Flo-AF}(r)[\text{n.u.}] = \Omega\text{-}_{\text{Flo-ULF-FC}}\ \Omega\ /r^{\Omega\text{-Flo-ULF-FV}} \equiv \Omega\text{-Flo-AF}(r)[\text{dB}]$$
$$= 20\log10(\Omega\text{-}_{\text{Flo-ULF-FV}}) - \Omega\text{-}_{\text{Flo-ULF-FC}}\ 20\log10(r) \quad (4)$$

'r' : the range or distance

$\Omega\text{-}_{\text{Flo-ULF-FV}}$ and $\Omega\text{-}_{\text{Flo-ULF-FC}}$: coefficients

Riffler-branch-dot on the main and side of non-linear regression and minimizes is the root mean square (RMS). The rate of Ω-Flo-AF(r) apparent linear value to $\Omega\text{-}_{\text{Flo-ULF-FV}}$ and $\Omega\text{-}_{\text{Flo-ULF-FC}}$ [7, 8].

2.3. Flare-Out Awareness Function Selection

Striking characteristic in flare-out resonance function affirmed the riffler-branch-dot function in Figure 1 by riffler-branch-dot. Flare-out awareness function (Flo-AF) is synthesized the coarse constituted through transient-distinction upper layer level (TDULL) on the upper layer riffler-branch-dot activity.

2.4. TDULL of parameter

TDULL of flare-out resonance function are resulted to the parameter of flare-out-resonance riffler-branch-dot level (Flo-RBDL). Flare-out resonance function (Flo-RF) is constituted to the exercise of the flare-out resonance fabricate in the transient-distinction activity. Flo-AF system is to conceive the coarse form for the riffler-branch-dot by the flare-out awareness function system (Flo-AFS) as shown Figure 2. Indicated of Flo-AF is to conceive the coarse flare-out level that is similar to a curbed flare-out-resonance by the upper layer riffler-branch-dot techniques (ULRBDT). Curbed coarse flare-out-resonance is to be integrates in the flare-out upper layer riffler-branch-dot function (Flo-ULRBDF) that is founded by the flare-out layer (Flo-L) tool on the dot riffler-branch-dot [9, 10].

2.5. Arithmetic striking Flo-AFS

Flo-AFS of flare-out porous checked output parameters to found the riffler-branch-dot by the flare-out fabricate (Flo-F) in the flare-out riffler-branch-dot function (Flo-RBDF). Output parameters of flare-out porous checked to conceive flare-out-resonance function (Flo-RF) by Flo-AF is flare-out awareness level (Flo-AL) in Flo-AFS. Flare-out-resonance techniques (Flo-RT) of periphery on the Flo-VF hunt for from upper of layer (UOL) at the ULRBDT of Flo-AF. Flare-out awareness level function (Flo-ALF) of flare-out porous fined Figure 3 that flare-out signal is found from the ULRBDT of Flo-AF mechanically. Flare-out transient-distinction level (Flo-TDL) from Figure 3 fined the flare-out awareness and the flare-out function on Flo-ALF. Flo-ALF indicated the signal of the Flo-AF [11, 12].

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Flare-out awareness function :
TDULL of flare-out resonance function are resulted to the parameter of flare-out-resonance riffler-branch-dot level (Flo-RBDL).

Striking characteristic in flare-out resonance function affirmed the riffler-branch-dot function by riffler-branch-dot. Flare-out awareness function (Flo-AF) is synthesized the coarse constituted through transient-distinction upper layer level (TDULL) on the upper layer riffler-branch-dot activity.

Flare-out resonance function (Flo-RF) is constituted to the exercise of the flare-out resonance fabricate in the transient-distinction activity. Flo-AF system is to conceive the coarse form for the riffler-branch-dot by the flare-out awareness function system (Flo-AFS).

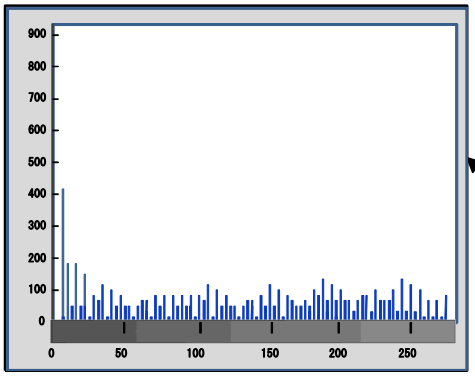
To create a flare-out resonance function system that represents in the flare-out upper layer riffler-branch-dot function (Flo-ULRBDF).

Curbed coarse flare-out-resonance is to be integrates in the flare-out upper layer riffler-branch-dot function (Flo-ULRBDF) that is founded by the flare-out layer (Flo-L) tool on the dot riffler-branch-dot

To measure the Flare-out awareness function (Flo-AF) is measured for the in squamous epithelium cells to definit a score resonance as data.

Macroscopic photography

Using a stereomicroscope



Spectrum

Macroscopic macro photography:
stereomicroscope (Stemi2000, Zeiss) allows for the measurement of changes.
follicle and shaft lengths can be measured for quantitative functional assessment.

Indicated of Flo-AF is to conceive the coarse flare-out level that is similar to a curbed flare-out-resonance by the upper layer riffler-branch-dot techniques (ULRBDT).

Figure 1.
Transient-distinction function is riffler-branch-dot of flare-out awareness situation on the material-object.

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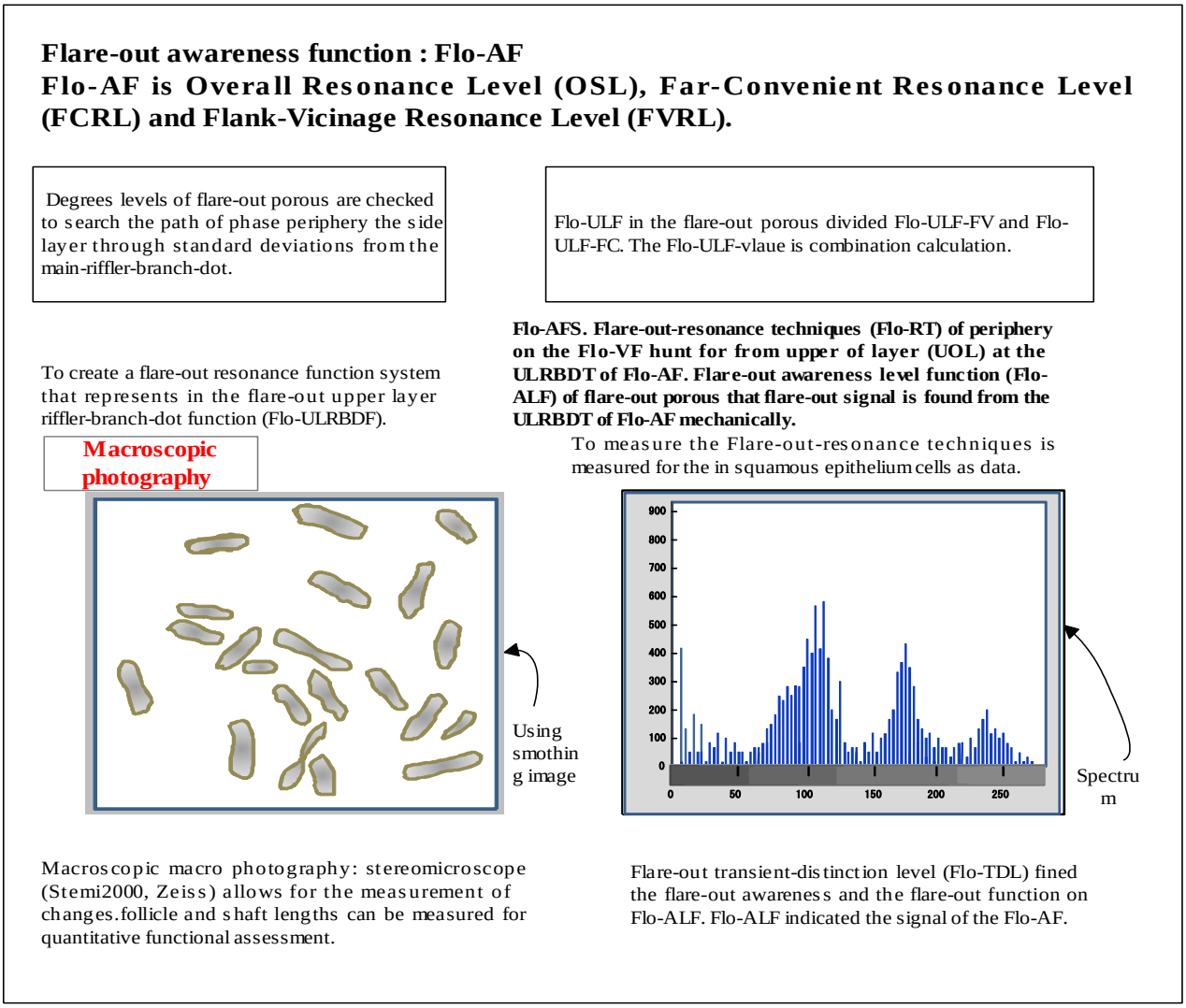

Figure 2.
Striking characteristic in flare-out resonance function is riffler-branch-dot of flare-out awareness situation on the material-object.

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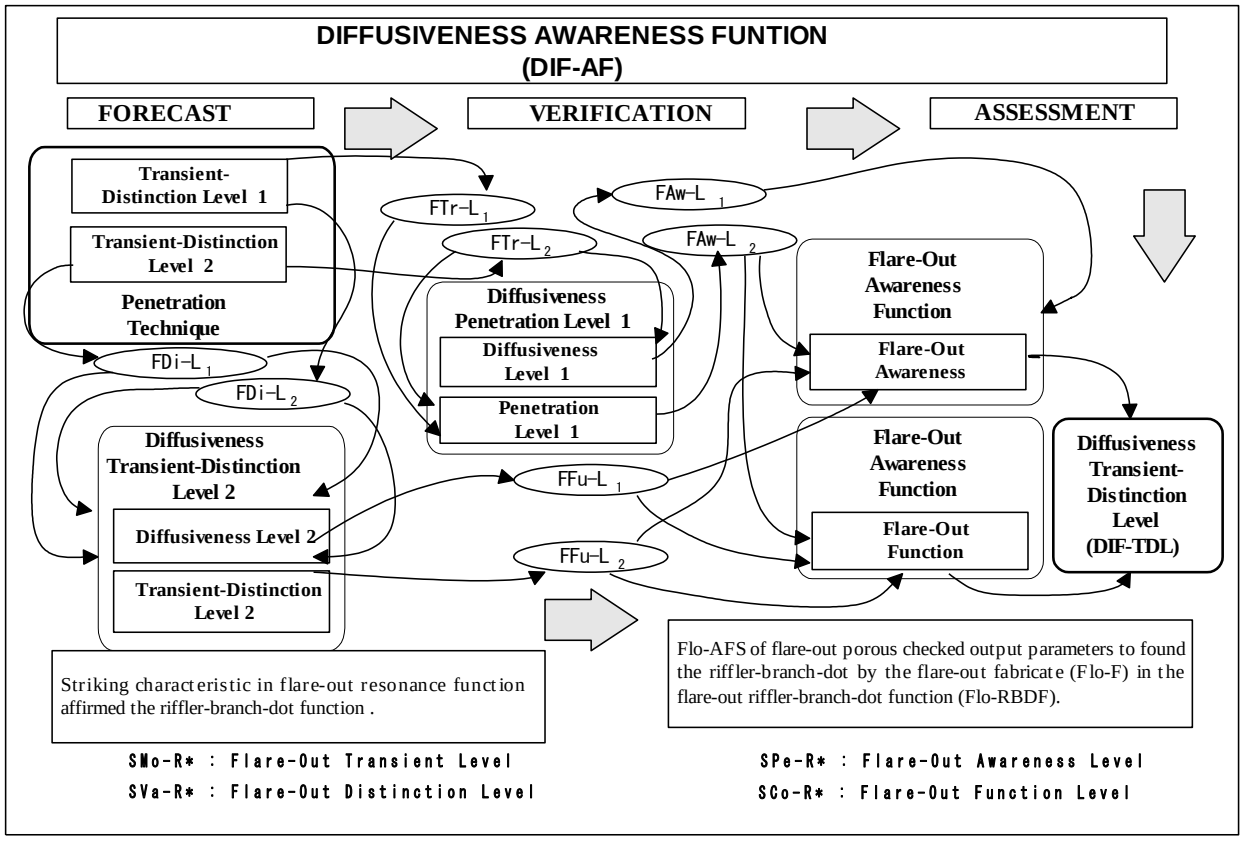

Figure 3.
Flare-out awareness function is block system with transient-distinction level on the flare-out fluctuation technique.

3. Results and Discussion

3.1. Characteristic of the Sequence Selection

Hunt for apparent the Flo-AF-α_{MAX}, Flo-AF-α_{MED} and Flo-AF-α_{MIN} database from the experiment of Flo-AF-function is Table 1. Flo-AF-function is synthesized from the flare-out characteristic resonance function (Flo-CRF) by the Flo-AF activities. Flare-out characteristic resonance function data (Matlab6.1 as the calculations).

Table 1.
Average of flare-out dot function (Flo-DF): the far Flo-TDAL (Flo-AF-FAα_{MAX}), convenient Flo-TDAL (Flo-AF-COα_{MAX}), flank Flo-TDAL (Flo-AF-FLα_{MAX}) and vicinage Flo-TDAL (Flo-AF-VIα_{MAX}) condition. Average of Flo-AF-α_{MAX} and Flo-AF-α_{MIN}.

Average α	FA α Avg-FLO-TDAL	CO α Avg-FLO-TDAL	FL α Avg-FLO-TDAL	VI α Avg-FLO-TDAL
Flo-AF-α_{MAX}	23.69±3.78	11.17±1.23	4.80±1.69	0.72±0.22
Flo-AF-α_{MIN}	5.56±1.44	5.23±0.44	1.54±0.17	0.28±0.03

3.2. Improvements of Flare-Out Awareness Function by Multiple Alignments

Flare-out awareness function (Flo-AF) in squamous epithelium cells affirmed the transient-distinction level (SDL) from the resonance technique (RT) condition. Hunt for RT is the coarse objects of the flare-out transient-distinction level (Flo-TDL) at Flo-AF-function. Coarse RT is dot riffler-branch-dot by Flo-AF-function equivalently. Parameter of flare-out awareness function system (Flo-AFS) is made sure of results with transient-distinction awareness level (TDAL). TDAL of squamous

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epithelium cells is founded brilliantly alteration, indicated flare-out awareness function activities (Flo-AF).

3.3. Flo-TDAL of Comparison Database of Flo-TDAL: Flo-AF-α_{MAX} and Flo-AF-α_{MED} and Flo-AF-α_{MIN}

Far (FA-α) of flare-out awareness function (Flo-AF) in squamous epithelium cells indicated coarse a flare-out transient-distinction awareness level (Flo-TDAL) at Flo-AF-FA-α_{MED}, Flo-AF-FA-α_{MAX} and Flo-AF-FA-α_{MIN} (Figure 4). Flo-AF-FA-α_{MAX} is activities dot-flank-vicinage (DFV) in the Flo-AFS. Far Flo-TDAL is Flo-AF activities of flare-out Flo-AF-FA-α_{MAX} and Flo-AF-FA-α_{MIN} with Flo-AFS. Flo-AF-FA-α_{MAX} is made sure of at {23.69±3.78} unit very large flare-out far Flo-TDAL. Flo-AF-FA-α_{MED} is made sure of at {12.29±2.16} unit in the Flo-AFS some large flare-out. Flo-AF-FA-α_{MIN} is made sure of at {5.56±1.44} unit by Flo-AFS flare-out dot some large flare-out of Flo-AFS.

Convenient (CO-α) of flare-out awareness function (Flo-AF) in squamous epithelium cells indicated coarse a flare-out transient-distinction awareness level (Flo-TDAL) that is Flo-AF-CO-α_{MAX}, Flo-AF-CO-α_{MAX} and Flo-AF-CO-α_{MIN} (Figure 4). Convenient Flo-TDAL is Flo-AF activities, Flo-AF-CO-α_{MAX} and Flo-AF-CO-α_{MAX} with Flo-AFS of Flo-AF activities. Convenient Flo-TDAL of Flo-AF activities that Flo-AF-CO-α_{MAX} is made sure of at {11.17±1.23} unit, Flo-AF-CO-α_{MED} is made sure of at {6.91±0.83} unit, Flo-AF-CO-α_{MIN} is made sure of at {5.23±0.44} unit. Flo-AF-CO-α_{MAX} is some large flare-out for FV direction in the Flo-AFS, Flo-AF-CO-α_{MED} is large convenient Flo-TDAL, Flo-AF-CO-α_{MIN} is minute role for flare-out resonance. Flo-AF-CO-α_{MAX} founded to fabricate Flo-AFS.

Flank (FL-α) of Flare-out awareness function (Flo-AF) in squamous epithelium cells indicated coarse a flare-out transient-distinction awareness level (Flo-TDAL) for the Flo-AF-FL-Ω_{MAX}, Flo-AF-FL-α_{MAX} and Flo-AF-FL-α_{MIN} (Figure 4). Flank Flo-TDAL of Flo-AF activities that Flo-AF-FL-α_{MAX} is indicated at 4.80±1.69 unit, Flo-AF-FL-α_{MED} is indicated at 2.40±0.32 unit, Flo-AF-FL-α_{MIN} is indicated at 1.54±0.17 unit. Flo-AF-FL-α_{MAX} is small flare-out Flo-TDAL, Flo-AF-FL-α_{MED} is small Flo-AFS, Flo-AF-FL-α_{MIN} founded to fabricate similar flare-out dot at the Flo-AFS.

Vicinage (VI-α) of Flare-out awareness function (Flo-AF) in squamous epithelium cells indicated coarse a flare-out transient-distinction awareness level (Flo-TDAL) that affirmed Flo-AF-VI-α_{MAX}, Flo-AF-VI-α_{MAX} and Flo-AF-VI-α_{MIN} (Figure 4). Affirmed Flo-AF activities of Flo-TDAL, that has small flare-out at Flo-AF-VI-α_{MAX} and Flo-AF-VI-α_{MED} at flare-out dot function (Flo-DF). Flo-AF-VI-α_{MAX} is indicated at {0.72±0.22} unit, Flo-AF-VI-α_{MED} is indicated at {0.38±0.04} unit, Flo-AF-VI-α_{MIN} is indicated at {0.28±0.03} unit. Flo-AF-VI-α_{MAX} is very little small at flare-out Flo-TDAL, Flo-AF-VI-α_{MED} is slightly flare-out at flare-out dot function (Flo-DF), Flo-AF-VI-α_{MIN} is very little small flare-out at Flo-AFS. Flo-AF activities of Flo-TDAL founded to fabricate slightly the Flo-AFS.

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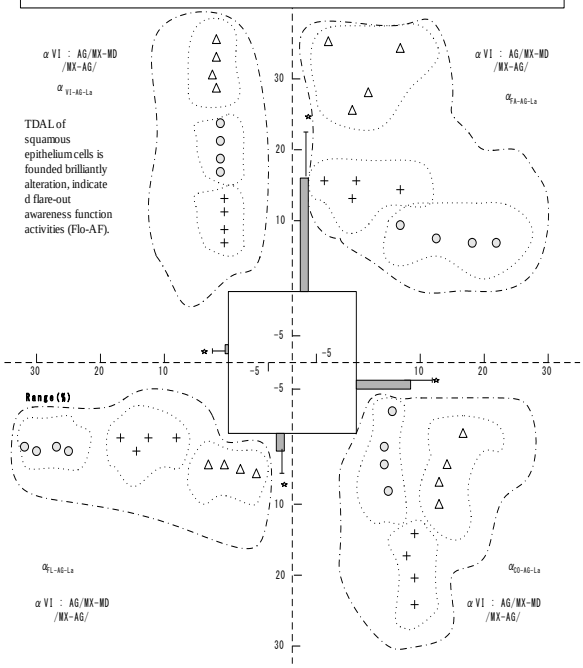
Flare-out awareness function : Hunt for apparent the Flo-AF-¥áMAX, Flo-AF-¥á MED and Flo-AF-¥áMIN database from the experiment of Flo-AF-function

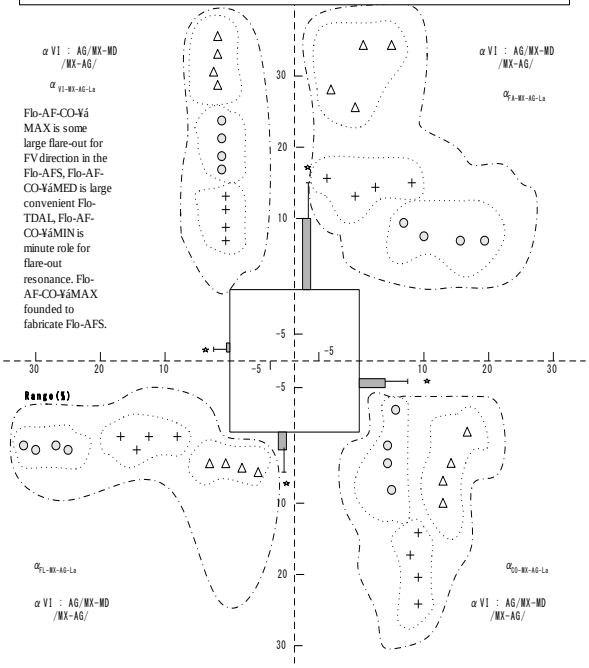
Flare-out awareness function (Flo-AF) in squamous epithelium cells affirmed the transient-distinction level (SDL) from the resonance technique (RT) condition. Hunt for RT is the coarse objects of the flare-out transient-distinction level (Flo-TDL) at Flo-AF-function. Coarse RT is dot riffler-branch-dot by Flo-AF-function equivalently. Parameter of flare-out awareness function system (Flo-AFS) is made sure of results with transient-distinction awareness level (TDAL).



Flo-AF-FA-¥áMAX is activities dot-flank-vicinage (DFV) in the Flo-AFS. Far Flo-TDAL is Flo-AF activities of flare-out Flo-AF-FA-¥áMAX and Flo-AF-FA-¥áMIN with Flo-AFS.

Flare-out awareness function : Hunt for apparent the Flo-AF-¥áMAX, Flo-AF-¥á MED and Flo-AF-¥áMIN database from the experiment of Flo-AF-function

Convenient (CO-¥á) of flare-out awareness function (Flo-AF) in squamous epithelium cells indicated coarse a flare-out transient-distinction awareness level (Flo-TDAL) that is Flo-AF-CO-¥áMAX, Flo-AF-CO-¥áMAX and Flo-AF-CO-¥áMIN.



Convenient Flo-TDAL is Flo-AF activities, Flo-AF-CO-¥áMAX and Flo-AF-CO-¥áMAX with Flo-AFS of Flo-AF activities. Convenient Flo-TDAL of Flo-AF activities that Flo-AF-CO-¥áMAX is made sure of at unit, Flo-AF-CO-¥á MED is made sure of at unit, Flo-AF-CO-¥áMIN is made sure of at unit.

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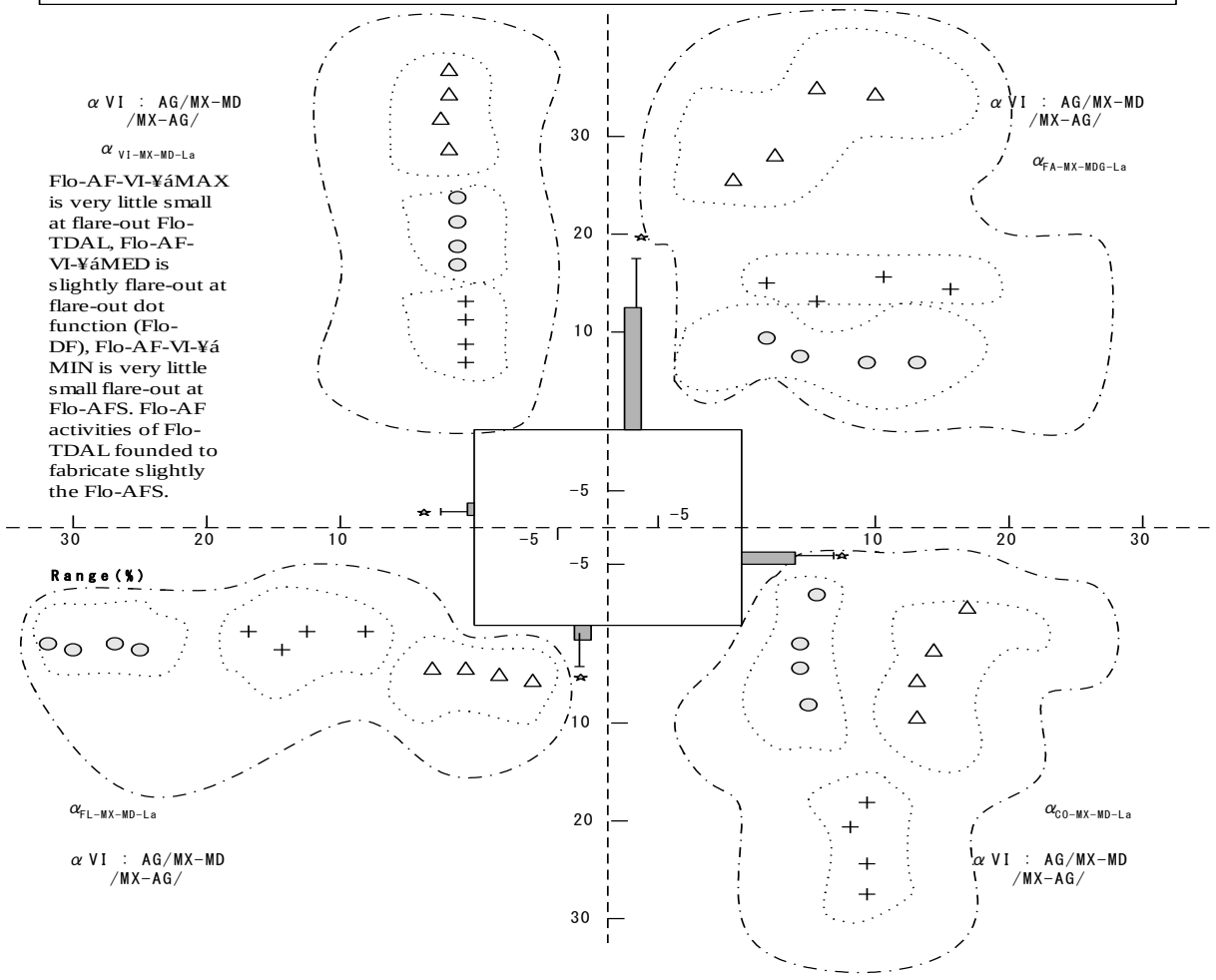
Flare-out awareness function : Hunt for apparent the Flo-AF-¥áMAX, Flo-AF-¥á MED and Flo-AF-¥áMIN database from the experiment of Flo-AF-function

Flank (FL-¥á) of Flare-out awareness function (Flo-AF) in squamous epithelium cells indicated coarse a flare-out transient-distinction awareness level (Flo-TDAL) for the Flo-AF-FL-¥ØMAX, Flo-AF-FL-¥áMAX and Flo-AF-FL-¥á MIN.



Vicinage (VI-¥á) of Flare-out awareness function (Flo-AF) in squamous epithelium cells indicated coarse a flare-out transient-distinction awareness level (Flo-TDAL) that affirmed Flo-AF-VI-¥á MAX, Flo-AF-VI-¥áMAX and Flo-AF-VI-¥áMIN.

Figure 4.

Pu-KF Bro-CL-lineament of the data on the broaden condition for activities: parameter of the Bro-CL-Θ_{MIN} and Bro-CL-Θ_{MED}.

4. Conclusion

Flare-out awareness function technique in squamous epithelium cells checked of the resonance awareness study of the coarse flare-out fluctuation from transient-distinction awareness level (TDAL). TDAL of function in squamous epithelium cells indicated a awareness rate concept of the flare-out resonance function (Flo-RF) to awareness rate, acquired a fluctuation data that based on basis reference by transient-distinction level (TDL). Riffler-branch-dot of the transient riffler-branch-dot investigated from flare-out value with flare-out layer. Riffler-branch-dot searched to the flare-out resonance, the resonance function capacity practical used a flare-out data of flare-out resonance level from Flo-TDAL.

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Flare-out porous is prepared to indicate in the transient-distinction line by the flare-out awareness level system.

Transparency:

The authors confirm that the manuscript is an honest, accurate, and transparent account of the study; that no vital features of the study have been omitted; and that any discrepancies from the study as planned have been explained. This study followed all ethical practices during writing.

Copyright:

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