### Intern. J. Neuroscience, 1987, Vol. 32, p 315

## ABSTRACTS OF THE FOURTH WORLD CONGRESS OF BIOLOGICAL PSYCHIATRY, PHILADELPHIA, PENNSYLVANIA, USA, SEPTEMBER 8-13, 1985.

# 5-HT, DA, NA Metabolism and a General Instinct Behavior Rest and Fulfillment-RF-Mechanism for Terminal Reward.

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The macroevolutionary psychophysiology underlying appetitive behavior for religious experience is characterized in TM-technology by an increase in 5-HT metab. (p = .0005), The RF-response (1). Immediate onset, drop in metabolic rate, O, 25% below calc.b.rate CO2 receptor sensitivity reduction, rapid decline of respiratory activity and natural periods of resp. arrest, bradycardia with circulatory centralisation, reprod. reliable instant elicitation are taken as the O<sub>2</sub> conserving DR in aerobic, non aquatic, self-induction (SIEAAM). EEG-coherence, consec. catecholamines incr. with paradox EASE activation Energy Amplification (ACh) by Synchronized (5-HT) Exitation (NA/DA) of Kippschwingung synactivation (by DR-nucl.tr.sol.) of raphe, coeruleus etc. considered genetic physiological basis of creativity in man. Typical for hominids (2) seems the D-Drive addition for (day) instinct handling and incoherent or suppressed mode (stressor) Reduction by integration (EASE). Equally typical is the adaptive insufficiency of sleep on principle for this as well as for the waking state evol. syntactics of creativity (relig. rites) for semantics of language-, pragmatics of tool prod. support. cumul. D-Drive EASE-DEFICIT PATHOLOGY.

#### REFERENCES

(1) Bujatti M., J. Neural Transm., 1976, 39, 257-267.

(2) Hardy, A., New Scientist, 17.3, 1960, 642-645, Min. Sc. Grant 83.