"AGONY AND ECSTASY OF RADIATION RESEARCH"

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ABSTRACT

Challenges and excitement of studying unique chemical transformations on blending of High Energy Photons (energy 1MeV) with chemical compounds will be shared. Efforts to study the reactivity of transient reactive species such as e-aq. H. atom and OH free radicals with molecules of biological interest with Ultra Fast Spectroscopic techniques such as Pulse Radiolysis will be presented. Recent studies in pico to femtosecond time scale will be discussed, with their relevance to few problems of societal interest.