

SPIS TREŚCI – CONTENTS

[3-7] – The role of 13-*cis* and all-*trans* retinal in the proton pumping mechanism of bacteriorhodopsin

Gyorgy Váro, Krzysztof Bryl

[8-27] – Necrotic photon emission in stress and lethal interaction

Janusz Sławiński

[28-43] – Photoinduced delayed luminescence from yeast and melanoma ascitic cells. Part I: Excitation with different actinic light

Ali Ezzahir, Krzysztof Ścieszka, Zenon Rajfur, Paulina Wolańska, Janusz Sławiński

[44-50] – Muscarinic ligands binding to rat thymocytes distinction between ligand internalization and surface binding

Włodzimierz Maśliński, Ewa Grąbczewska, Tomas Bartafat, Jan Ryzewski

[51-59] – Vibrational contributions of the quinones in *Rb. Sphaeroides* reaction centers by light-induced time-resolved FTIR spectroscopy

Daniel L. Thibodeau, Eliane Nabedryk, Werner G. Mänte, Jacques Breton

[60-70] – Excitation trapping and annihilations in the photosynthetic membrane in the picosecond time scale

Jean Deprez, Andrzej Dobek, Guy Paillotin, Hans –W. Trissl, Jacques Breton

[71-73] – Magneto-optical absorbance difference spectrometer

Ryszard Skwarek

[74-75] – Pamięci Docenta Jacka Twardowskiego

Uczniowie i współpracownicy

[76-79] – Sprawozdanie z międzynarodowego sympozjum “Photobiology and Biotechnology”

Danuta Frąckowiak