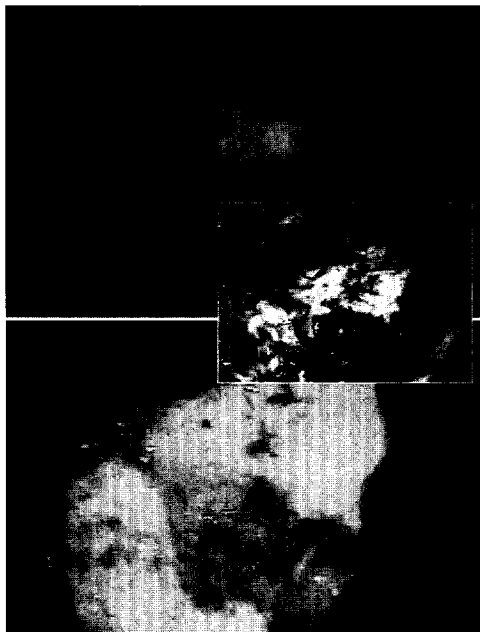




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**Cover illustration:**

Top: Residual glioblastoma tissue, clearly delineated by its red PPIX-fluorescence. Tissue was left unresected due to its close proximity to eloquent brain tissue.

Bottom: Residual tumor tissue irradiated by laser light (633 nm, 100 J/cm<sup>2</sup>, Ceralas, biolitec, Jena) via a microlens fiber. Adjuvant PPIX-Phototherapy of fluorescing tumor is expected to selectively kill residual remaining tumor cells, while sparing the nearby functional brain tissue.

Insert: White light image of the resection cavity.

Photos taken by PD Dr. Walter Stummer, Neurosurgery, University Clinic Munich and Dipl. Phys. Tobias Beck, Laser-Forschungslabor, Urology, University Clinic Munich