



华南师范大学激光生命科学教育部重点实验室博士生导师陈群教授 (图)

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陈群教授, 1963年10月生, 1984年毕业于复旦大学激光物理专业, 1991年在美国密执安州奥克兰大学生物医学专业获博士学位PhD。2002年10月作为特殊引进人才, 被聘任为广东省激光生命重点实验室光动力学研究中心主任, 博士生导师, 华南师范大学特聘A岗教授。近年来在Photochem. Photobiol; Radiat. Res.等著名杂志上发表论文几十篇, 大部分被SCI系统收录。目前研究方向通过生物组织的正常与异常代谢的光子学直接诊断, 进行恶性肿瘤的早期诊断、癌症转移的定量描述; 利用高灵敏度的发光探针与单分子标记技术结合, 实现高灵敏度的快速早期病变信息诊断; 肿瘤光动力治疗中的新型高效光敏剂及其机理研究; 光动力学和声动力学肿瘤早期诊断及治疗技术研究。

Citizenship (国籍): U.S.A.

EDUCATION (学历):

Fu Dan University, Shanghai, China B.S. Physics (1984)

中国。上海。复旦大学。激光物理专业。学士

Oakland University, Rochester, MI Ph.D. BioMedical Physics (1991)

美国。密执安州。罗切斯特。奥克兰大学。生物医学专业。哲学博士

PROFESSIONAL EXPERIENCE

1993 - Present Chief, Biomedical Physics, Research and Development, HealthONE, Denver, Colorado, USA

美国。科罗拉多州。丹佛市。HEALTHONE。生物医学物理试验室主任

2002 - Present Professor, Institute of Laser and Life Science, South China Normal University, Guangzhou, Guangdong, China

中国, 广东, 广州, 华南师范大学激光生命研究所。教授

1991 - 1993 Director of Photo-Physics Lab, Department of Radiation Oncology Research, Henry Ford Hospital, Detroit, MI

美国。密执安州。底特律市。亨利。福特医院。放射科。光学物理实验室主任。

1990 - 1993 Adjunct Lecturer, Department of Physics, Oakland University, Rochester, MI

美国。密执安州。奥克兰大学物理系。客座讲师。

1986 - 1991 Research Assistant, Department of Radiation Oncology, Henry Ford Hospital, Detroit,

MI and Department of Physics, Oakland University, Rochester, MI

美国。密执安州。奥克兰大学物理系。科研助理

1984 - 1986 Medical Physicist, Medical Laser Division, Rei-Jin Hospital and Shanghai Second Medical University,

中国。上海市。瑞金医院。激光室。助工。

SELECTED PEER-REVIEWED LITERATURE PUBLICATIONS (在学术刊物及文献发表的论文)

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h KCl induced spreading depression in anesthetized rat. Referred paper. Munster, Germany. Bio Mag, 1991.

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Q Chen, FW Hetzel. Modification of tumor response by manipulation of tumor oxygenation. Presented at SPIE, Jan 1999 Proceeding 3592 (Invited Paper)

Q Chen, FW Hetzel. Photodynamic Therapy (PDT) as an alternative for surgical prostatectomy. Presented at EuroSPIE, Amsterdam. Netherlands. July 2000 (Invited Paper)

Fred W. Hetzel, Abdus Shakil, Jill Beckers and Qun Chen. Hyperoxygenation Enhances Photodynamic Therapy Tumor Cure. Presented on SPIE 2001, San Jose, 2001

P. J. Muller, B. C. Wilson, L. D. Lilge, V. Yang, T. Fullager, F. W. Hetzel, Q. Chen, R. Fenstermaker, R. Selker and J. Abrams. Clinical trials in Photofrin-photodynamic therapy of malignant brain tumors. Presented on SPIE 2001, San Jose, 2001

P. J. Muller, B. C. Wilson, L. D. Lilge, V. Yang, T. Fullager, F. W. Hetzel, Q. Chen, R. Fenstermaker, R. Selker and J. Abrams. Clinical trials in the photodynamic therapy of primary malignant supratentorial brain tumors – Phase 2 and Phase 3 studies. Presented on IAP 8th World Congress of Photodynamic Medicine, Vancouver, 2001

Q. Chen, J. Beckers, Z. Huang and F.W. Hetzel. Hyperoxygenation Improves Photodynamic Therapy. Presented on International Photodynamic Association 8th World Congress of Photodynamic Medicine, Vancouver, 2001

F.W. Hetzel, Q. Chen, Z. Huang and J. Beckers. Using Hyperoxygenation to Overcome Tissue Hypoxia in Photodynamic Therapy. Presented on ASP 2001, Washington DC, 2001

Qun Chen, Zheng Huang, David Luck, Jill Beckers, Avigdor Scherz, Pierre-Herve Brun, Brian Wilson and Fred W. Hetzel. WST09 Mediated Photodynamic Therapy as an Alternative Modality in Treatment of Prostate Cancer. Presented on 2001 International Photodynamic Therapy Conference, Hong Kong, 2001

Q. Chen, J. Beckers, Z. Huang, and F.W. Hetzel. Hyperoxygenation Improves Photodynamic Therapy. Presented on 2001 International Photodynamic Therapy Conference, Hong Kong, 2001

Q. Chen, Z. Huang, Chen Hua, Howard Shapiro, J. Beckers and F.W. Hetzel. Improvement of tumor response by manipulation of tumor oxygenation during photodynamic therapy. Presented on SPIE Photonics Asia, Shanghai, October 14-18, 2002.

Zheng Huang, Qun Chen, Fred W. Hetzel, David Luck, Jill Beckers, Pierre-Herve Brun, Brian C. Wilson, Avigdor Scherz and Yoram Salomon. Studies of novel photosensitizer Tookad for treatment of prostate cancer. Presented on ASP Annual Meeting, Quebec City, July 13-17, 2002.

Qun Chen, Zheng Huang, David Luck, Jill Beckers, Pierre-Herve Brun, Brian C. Wilson, Avigdor Scherz, Yoram Salomon, Fred W. Hetzel. Effect of WST09 Mediated Photodynamic Therapy on Normal and Irradiated Prostate. Presented at the Third International Consultation on Prostate Cancer – New Treatment Modalities. Paris, June 21-23, 2002. (special lecture)

Fred W. Hetzel, Zheng Huang, David Luck, Jill Beckers, Pierre-Herve Brun, Brian C. Wilson, Avigdor Scherz, Yoram Salomon, Qun Chen. WST09 Mediated Photodynamic Therapy as an Alternative Modality in Treatment of Prostate Cancer. Presented at International Cancer Congress in Oslo, June 2002.

Qun Chen, Zheng Huang, David Luck, Jill Beckers, Pierre-Herve Brun, Brian C. Wilson, Avigdor Scherz, Yoram Salomon, Fred W. Hetzel. Effect of WST09 Mediated Photodynamic Therapy on Normal Prostate. Presented at Radiation Research Society Annual Meeting in Reno, Nevada, April 21-24, 2002.

Q. Chen, Z. Huang, D. Luck, J. Beckers, P. Brun, B. Wilson, A. Scherz, Y. Salomon, F. Hetzel. Presented on SPIE Photonics West (Annual meeting of The International Society for Optical Engineering) (Invited Speaker), WST09 Mediated Photodynamic Therapy as an Alternative Modality in Treatment of Prostate Cancer. San Jose, January 18-24, 2002.

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