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Front Matter: Volume 9694

, "Front Matter: Volume 9694," Proc. SPIE 9694, Optical Methods for Tumor Treatment and Detection: Mechanisms and Techniques in Photodynamic Therapy XXV, 969401 (26 April 2016); doi: 10.1117/12.2231318

SPIE.

Event: SPIE BiOS, 2016, San Francisco, California, United States

Optical Methods for Tumor Treatment and Detection: Mechanisms and Techniques in Photodynamic Therapy XXV

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Editors

13–14 February 2016

San Francisco, California, United States

Sponsored and Published by
SPIE

Volume 9694

Proceedings of SPIE, 1605-7422, V. 9694

SPIE is an international society advancing an interdisciplinary approach to the science and application of light.

Optical Methods for Tumor Treatment and Detection: Mechanisms and Techniques in Photodynamic Therapy XXV, edited by David H. Kessel, Tayyaba Hasan, Proc. of SPIE Vol. 9694, 969401
© 2016 SPIE · CCC code: 1605-7422/16/\$18 · doi: 10.1117/12.2231318

Proc. of SPIE Vol. 9694 969401-1

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Author(s), "Title of Paper," in *Optical Methods for Tumor Treatment and Detection: Mechanisms and Techniques in Photodynamic Therapy XXV*, edited by David H. Kessel, Tayyaba Hasan, Proceedings of SPIE Vol. 9694 (SPIE, Bellingham, WA, 2016) Six-digit Article CID Number.

ISSN: 1605-7422

ISSN: 2410-9045 (electronic)

ISBN: 9781628419283

Published by

SPIE

P.O. Box 10, Bellingham, Washington 98227-0010 USA

Telephone +1 360 676 3290 (Pacific Time) • Fax +1 360 647 1445

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Introduction

SPIE has been sponsoring conferences related to topics in photodynamic therapy since 1987. The first symposium was organized by Douglas Neckers, with Michael Detty, Tayyaba Hasan and Angelo Russo as co-chairs. Thomas Dougherty then organized a continuing series of these symposia beginning in 1989 with the assistance of Dr. Hasan. A special symposium on 'New Directions' was organized by Charles J. Gomer in 1990. Since 2003, the annual PDT conferences were organized by David Kessel, with Tayyaba Hasan becoming co-chair in 2011. These meetings are designed to bring together workers involved in synthesis, characterization and development of photodynamic processes. A diverse group of people participate including chemists, biologists, clinical personnel, and engineers.

Research was initially directed at assessing the role of PDT in the treatment of cancer. More recently, effects on microbial infections and other indications have been explored. A series of newer agents for better cancer control are being developed, along with light sources and dosimetry decides to simplify the calculations involved and light delivery procedures. The role of immunologic processes are also being evaluated.

The impact of PDT on cancer control has been demonstrated, but major clinical utilization appears to be in Asia and Europe. Part of the slow acceptance in the US may be related to regulatory requirements along with decisions by pharmaceutical groups to aim their resources in other directions. Examples of successful treatment of pathologic conditions by PDT continue to be reported. As evidence continues to accrue, perhaps the efficacy of this form of therapy will eventually prove persuasive.

**David H. Kessel
Tayyaba Hasan**