

Biomedical Optics Principles And Imaging

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Lihong V. Wang, PhD, is Gene K. Beare Distinguished Professor in the Department of Biomedical Engineering and Director of the Optical Imaging Laboratory at Washington University in St. Louis.Dr. Wang is Chair of the International Biomedical Optics Society. His?Monte Carlo model of photon transport in biological tissues has been used worldwide.

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Biomedical optical imaging is an important subdivision of optical imaging with the aim of understanding the anatomy and function of life. In principle, biomedical optical imaging systems form an image by manipulating the excitation light and detecting the signals originating from light and tissue interactions.

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About the Author: Lihong V. Wang, PhD, is Gene K. Beare Distinguished Professor in the Department of Biomedical Engineering and Director of the Optical Imaging Laboratory at Washington University in St. Louis.Dr. Wang is Chair of the International Biomedical Optics Society. His?Monte Carlo model of photon transport in biological tissues has been used worldwide.

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