

# Phosphorescent Oxygen-sensitive Probes

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Biological O<sub>2</sub> sensing probes and measurement techniques were first introduced in the late 80s. In the last 3-5 years they have undergone major development that have made them available and affordable for a broad range of applications in various disciplines of the life and biomedical sciences. These new chemistries and technologies, which are significantly different from the majority of other fluorescence-based probes and detection techniques, have already demonstrated their high utility. This book will provide a systematic overview of the existing and emerging O<sub>2</sub> sensing technologies in their different modifications, a practical guide to their rational selection and use, and examples of biological applications/case studies, including details on how to set up and conduct such experiments, troubleshoot and interpret the data. EAN/ISBN : 9783034805254 Publisher(s): Springer, Berlin, Springer, Basel  
Format: ePub/PDF Author(s): Papkovsky, Dmitri B. - Zhdanov, Alexander V. - Fercher, Andreas - Dmitriev, Ruslan I. - Hynes, James

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