



## CURRICULUM VITAE of Prof. Rick Wong ([wkwong@hkbu.edu.hk](mailto:wkwong@hkbu.edu.hk))

Name: Rick Wong

### Academic qualifications:

1970.09-1973.12	B.Sc.	California State University, Long Beach, USA
1974.01-1978.05	Ph.D.	University of Wisconsin, Madison, USA
1982.10-1983.09	M.Sc.	Imperial College of Science & Technology, London
	Postdoctoral Fellow	UCLA; Imperial College (London)

### Previous academic positions held:

1974.01-1978.05	Teaching and Research Assistant	University of Wisconsin, Madison, USA
1978.07-1979.07	Postdoctoral Research Associate	University of California, Los Angeles, USA
1979.08-1984.08	Postdoctoral Research Associate	Imperial College of Science & Technology, London
1984.09-1989.08	Lecturer	Department of Applied Biology & Chemical Technology, Hong Kong Polytechnic University, Hung Hom
1989.09-2005.10	Lecturer, Senior Lecturer, Associate Professor, Professor	Department of Chemistry, Hong Kong Baptist University
1997.09-2002.10	Associate Dean, Acting Dean	Science Faculty, Hong Kong Baptist University
2002.11-2010.10	Dean, Faculty of Science	Hong Kong Baptist University

### Present academic position:

2005.11-	Chair Professor	Department of Chemistry, Hong Kong Baptist University
2010.11-	Vice-President	Hong Kong Baptist University

### Previous relevant research work:

Research area Organometallic synthesis, bioactivity of inorganic / organometallic compounds, luminescent materials and homogeneous catalysis

### Ten Representative publications in the past ten years

1. J. Zhang, F.-C. Zhao, X.-J. Zhu, **W. K. Wong**, D.-G. Ma and W. Y. Wong, "New Phosphorescent Platinum(II) Schiff Base Complexes for PHOLED Applications", *J. Mater. Chem.*, *in press* (2012).
2. H.-Z. Ke, W.-B. Li, X.-J. Zhu, H.-L. Tam, A.-X. Hou, D. W. J. Kwong, **W. K. Wong**, "Acetylene Bridged Porphyrin-monophthalocyaninato Ytterbium Hybrids with Strong Two-Photon Absorption and High Singlet Oxygen Quantum Yield", *Dalton Trans.*, **41**, 4536-4543 (2012).
3. W.-X. Feng, Y. Zhang, X.-Q. Lu, Y. Hui, G.-X. Shi, D. Zou, J.-R. Song, D.-D. Fan, **W. K. Wong** and R. A. Jones, "Near-infrared (NIR) Luminescent Homoleptic Lanthanide Salen Complexes Ln<sub>4</sub>(Salen)<sub>4</sub> (Ln = Nd, Yb, or Er)", *CrysEngComm.*, **14**, 3456-3463 (2012).
4. Z.-X. Zhao, P.-S. Chan, H.-G. Li, K. L. Wong, R. N. S. Wong, N. K. Mak, J. Zhang, H. L. Tam, W. Y. Wong, D. W. J. Kwong and **W. K. Wong**, "Highly Selective Mitochondria-Targeting Amphiphilic Silicon(IV) Phthalocyanines with Axially Ligated Rhodamine B for Photodynamic Therapy", *Inorg. Chem.*, **51**, 812-821 (2012).
5. T. Zhang, X.-J. Zhu, C. C. W. Cheng, W. M. Kwok, H. L. Tam, J.-H. Hao, D. W. J. Kwong, K. L. Wong and **W. K. Wong**, "Novel Water-Soluble Mitochondria-Specific Ytterbium Complex with Impressive NIR to NIR Emission", *J. Am. Chem. Soc.*, **133**, 20120-20122 (2011).
6. X.-J. Zhu, **W. K. Wong**, W. Y. Wong and X.-P. Yang, "Design and Synthesis of Near-Infrared Emissive Lanthanide Complexes Based on Macrocyclic Ligands", *Eur. J. Inorg. Chem.*, 4651-4674 (2011). (Invited Micro-Review)
7. X.-P. Yang, D. Lam, C. Chan, J. M. Stanley, R. A. Jones, B. J. Holliday and **W. K. Wong**, "Construction of 1-D 4f and 3d-4f Coordination Polymers with Flexible Schiff Base Ligands", *Dalton Trans.*, **40**, 9795-9801 (2011).
8. J.-X. Zhang, K. L. Wong, **W. K. Wong**, N.-K. Mak, D. W. J. Kwong and H.-L. Tam, "Two-Photon Induced Luminescence, Singlet Oxygen Generation, Cellular Uptake and Photocytotoxic Properties of Amphiphilic Ru(II) Polypyridyl - Porphyrin Conjugates as Potential Bifunctional Photodynamic Therapeutic Agents", *Org. Biomol. Chem.*, **9**, 6004-6010 (2011).
9. X.-J. Zhu, S.-S. Zhao, **W. K. Wong** and W. Y. Wong, "Synthesis, Structure and Photophysical Properties of Some Gadolinium(III) Porphyrinate Complexes", *Eur. J. Inorg. Chem.*, 3314-3320 (2011).

10. X.-J. Zhu, P. Wang, **W. K. Wong**, W. Y. Wong, and D. W. J. Kwong, "Synthesis, Characterization and DNA Binding Properties of Water-Soluble Porphyrinate Lanthanide Complexes", *Chem. Eur. J.*, **17**, 7041-7052 (2011).