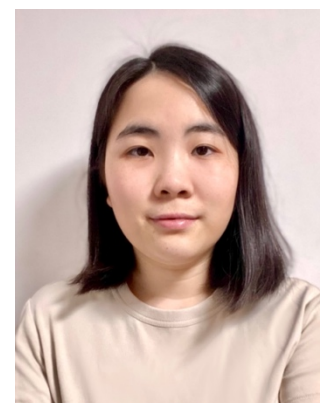


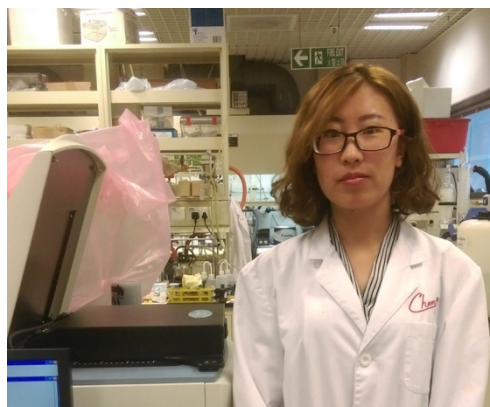
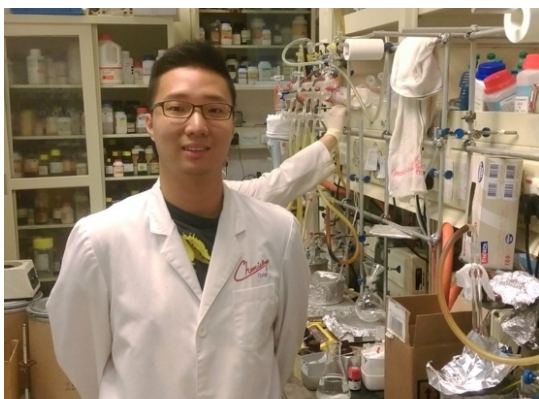
## Current DKPN Group Members



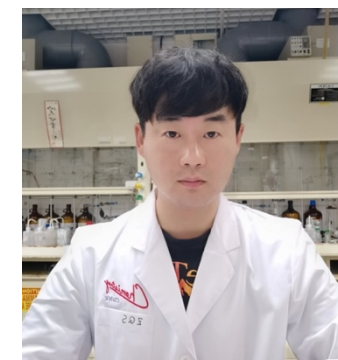
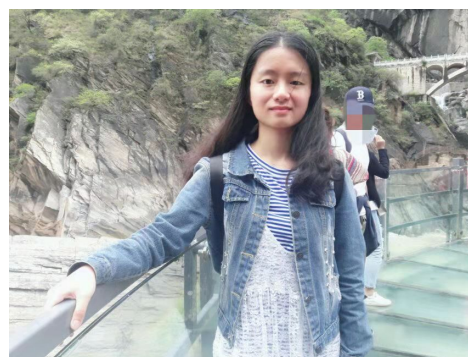
<b>Dr. Dick Yan Karen TAM</b>	<b>Dr. Evelyn Y. XUE</b>
Research Assistant Professor	Postdoctoral Fellow
DNA-based therapeutics	Supramolecular bioorthogonal chemistry for photodynamic therapy



<b>Shuai WANG</b>	<b>Wendy K. M. LAU</b>
Research Assistant	Research Assistant
Molecular BOBIPY-based theranostic agents	Cell penetrating peptide-conjugated drugs



<b>Leo K. B. TAM (PhD 4)</b>	<b>Caixia YANG (PhD 4)</b>	<b>Chuangqing LAN (PhD 2)</b>
Multi-stimuli-responsive photosensitizers	Nanophotosensitizers against hypoxic tumors	Phthalocyanine-encapsulated liposomes



<b>Jiaxin SHEN (PhD 1)</b>	<b>Zhanghong XIAO (PhD 1)</b>	<b>Linpeng ZHU (PhD 1)</b>	<b>Qingshuang ZOU (PhD 1)</b>
Targeted delivery and activation of self-assembled nanophotosensitizers	Enzyme-responsive polydopamine-based nanophotosensitizers	Self-assemblies of novel aromatic compounds	Advanced biomaterials for phototherapy

## Former DKPN Group Members

### *Graduate Students (PhD)*

Year of Graduation	Student	Thesis Title
1999	Dr. WONG Yee-Lok	Synthesis and Oxo-Transfer Properties of High-Valent Dioxo-Tungsten and -Molybdenum Complexes with <i>N</i> -, <i>O</i> -, and <i>S</i> -Donor Ligands
2002	Dr. NG Chi-Heng Anthony	Synthesis, Spectroscopic and Photophysical Properties of Phthalocyanines Bearing Dendritic Fragments
2003	Dr. LEE Pui-Sze Priscilla	Studies of Phthalocyanine-Containing Polymers
2003	Dr. CHOI Tsang-Ming Michael	<b>Part I</b> – Toward Hydrophilic and Non-Aggregated Phthalocyanines <b>Part II</b> – Assembling Tetrapyrrole Derivatives by Axial Coordination and Covalent Linkage
2005	Dr. LO Pui-Chi Gigi	Synthesis, Photophysical Properties, and <i>in vitro</i> Photodynamic Activities of New Silicon(IV) Phthalocyanines
2006	Dr. LENG Xuebing	Supramolecular Chemistry of Phthalocyanines
2007	Dr. CHOI Chi-Fung Bill	Novel Carboxy and Glycosylated Phthalocyanines as Efficient Photosensitizers for Photodynamic Therapy
2007	Dr. BAI Ming	Synthesis, Photodynamic Activity, and Supramolecular Chemistry of Unsymmetrical and Side-Strapped Phthalocyanines

*Graduate Students (PhD) (Cont'd)*

Year of Graduation	Student	Thesis Title
2008	Dr. XU Hu	Photosensitizing Applications and Supramolecular Chemistry of Phthalocyanines and Subphthalocyanines
2009	Dr. LIU Jian-Yong	Studies of Functional Zinc(II) Phthalocyanines and Boron Dipyrromethenes
2010	Dr. JIANG Xiong-Jie	Novel Silicon(IV) Phthalocyanines as Efficient Photosensitizers for Targeted Photodynamic Therapy
2010	Dr. HE Hui	Photodynamic Activities and Metal Sensing Behavior of Boron Dipyrromethenes and a Silicon(IV) Phthalocyanine
2011	Dr. FANG Qunling	Preparation and Applications of Functionalized Quantum Dots and Mesoporous Silica Nanoparticles
2012	Dr. LAU Ting-Fong Janet	Toward Dual and Targeted Cancer Therapy with Novel Phthalocyanine-Based Photosensitizers
2012	Dr. KE Mei-Rong	Development of Smart Photosensitizers for Targeted Photodynamic Therapy
2013	Dr. SHI Wen-Jing	Studies of Functional Boron Dipyrromethene Derivatives
2015	Dr. YEUNG Sin-Lui Esther	BODIPY-Encapsulated Silica Nanoparticles for Photodynamic Therapy
2015	Dr. WANG Qiong	Studies of Functional Aza Boron Dipyrromethene Derivatives for Bioimaging and Photodynamic Therapy

*Graduate Students (PhD) (Cont'd)*

Year of Graduation	Student	Thesis Title
2016	Dr. CHOW Yun-Sang Sun	Development of Smart Phthalocyanine-Based Photosensitizers for Photodynamic Therapy
2016	Dr. CHEN Xiao-Fei	Development of Phthalocyanine-Based Materials for Artificial Photosynthesis and Dye-sensitized Solar Cells
2017	Dr. WONG Chi-Hang Roy	Development of Mesoporous Silica Nanoparticles Based Theranostic Agents for Activatable and Combined Cancer Therapy
2018	Dr. ZHOU Yimin	Development of Novel Boron Dipyrromethene Based Chromophores for Biomedical Applications
2018	Dr. HAN Shenghua	Development of Molecular Logic Gates Based on Boron Dipyrromethenes and Phthalocyanines for Therapeutic Applications
2019	Dr. CHAN Yu-Man Joe	Synthesis, Characterization, and Properties of Novel Phthalocyanine Analogues
2019	Dr. HA Yin-Yuen Summer	Development of Multifunctional Phthalocyanine-Based Theranostic Agents for Cancer Imaging and Therapy
2020	Dr. XUE Yang	Development of Supramolecular-Based Tumor-Targeting and Activatable Photosensitizers for Photodynamic Therapy
2020	Dr. XIONG Junlong	Development of Glycoconjugated Boron Dipyrromethene Based Photosensitizers for Targeted Photodynamic Therapy

*Graduate Students (PhD) (Cont'd)*

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Year of Graduation	Student	Thesis Title
2020	Dr. DAI Gaole	Development of Multifunctional Polydopamine-Based Nanoparticles for Cancer Theranostics
2021	Dr. CHU Chun-Ho Jacky	Development of Cyclic Peptide-Conjugated Photosensitizers for Targeted Photodynamic Therapy
2021	Dr. KIM Yoonbin	Synthetic Studies of Low Symmetry Phthalocyanines and Tuning their Electronic and Electrochemical Properties for Energy Conversion and Storage

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*Graduate Students (MPhil)*

Year of Graduation	Student	Thesis Title
1996	LIU Chun-Wang Roger	<b>Part I</b> – The Chemistry of Metallo-Phthalocyanines and -Naphthalocyanines <b>Part II</b> – Synthetic Studies of Mixed Aza-, Oxa-, and Thia-Crown Ethers
1997	LAW Wing-Fong	<b>Part I</b> - Studies of Octasubstituted Oxo(phthalocyaninato)titanium(IV) Complexes <b>Part II</b> – Dioxotungsten(VI) Complexes with N <sub>2</sub> O <sub>2</sub> and N <sub>2</sub> S <sub>2</sub> Tetradentate Ligands
1997	YEUNG Ming Macro	Facile Synthesis and Nonlinear Optical properties of Push-Pull 5,15-Diphenylporphyrins
1997	YEUNG Yee-On	Synthetic Studies of Substituted 2,3-Naphthalocyaninatozinc(II) Complexes
1999	CHOI Tsang-Ming Michael	<b>Part I</b> – Synthesis, Spectroscopic Properties and Aggregation Behavior of Substituted 2,3-Naphthalocyanines <b>Part II</b> – Synthetic Studies of Substituted Dicyano-Anthracenes and Tetracenes
1999	POON Ka-Wo	Synthesis and Electrochemistry of Tetrapyrrole Derivatives Substituted with Ferrocenyl Moieties
2000	CHENG Ka-Lok Anthony	Tetrapyrrole Derivatives with Novel Optical Properties: <b>Part I</b> – Synthesis of Ferrocene-Containing Push-Pull 5,15-Diphenylporphyrins <b>Part II</b> – Light-Harvesting Naphthalene-Phthalocyanine Systems
2001	WOO Man-Wai	Synthesis and Photophysical Properties of Phthalocyanine-Containing Poly(norbornenes)

*Graduate Students (MPhil) (Cont'd)*

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Year of Graduation	Student	Thesis Title
2002	LEE Chi-Hang Alfred	Preparation and Characterization of Highly Soluble and Non-Aggregated Metallophthalocyanines
2004	CHAN Wing-Kin	Synthesis, Characterization and Properties of Novel Octasubstituted Phthalocyanines
2005	DUAN Lei	Synthesis of Novel Unsymmetrical Zinc(II) Phthalocyanines for Photodynamic Therapy
2008	LAU Ting-Fong Janet	In Vitro Photodynamic Activities and Supramolecular Chemistry of Cyclodextrin-Conjugated Silicon(IV) Phthalocyanines
2009	HUANG Ying-Si Venus	Novel Artificial Photosynthetic Models Based on Boron Dipyrromethenes
2014	YU Hai-Gang	Photodynamic Activities, Metal Sensing Behavior, and Nonlinear Optical Properties of Naphthalene-Fused Boron Dipyrromethene Derivatives

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*Visiting Scholars / Postdoctoral Fellows / Research Associates / Research Assistants*

Period	Co-worker	Current Position
Jan. 3, 1995 – Mar. 31, 1996 Sep. 8 – Oct. 7, 1997 Mar. 10 – Apr. 9, 1998	Prof. JIANG Jianzhuang	Professor, Department of Chemistry, University of Science and Technology Beijing, China
Aug. 9, 1995 – Aug. 8, 1996	Prof. MA Jianfang	Professor, Department of Chemistry, Northeast Normal University, China
Dec. 19, 1997 – May 18, 1998	Prof. YAN Yan	Professor, College of Light Industry and Chemical Engineering, Guangdong University of Technology, China
Feb. 25 – July 24, 1998	Prof. YU Rongmin	Professor, Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences, China
Sep. 1, 1998 – Jan. 31, 1999 Apr. 1, 1999 – Mar. 31, 2000	Prof. LI Xiyou	Professor, College of Science, China University of Petroleum (Huadong), China
Feb. 9 – Dec. 8, 2000	Prof. LIU Wei	Professor, State Key Lab of Crystal Materials, Shandong University, China
Feb. 5 – Sep. 4, 2001	Prof. WANG Shuangqing	Associate Professor, Institute of Chemistry, Chinese Academy of Sciences, China
Dec. 31, 2002 – June 20, 2003 Dec. 28, 2004 – Mar. 27, 2005 Nov. 24, 2005 – Feb. 23, 2006	Prof. HUANG Jian-Dong	Professor, College of Chemistry, Fuzhou University, China
July 14, 2003 – July 31, 2004	CHENG Yan-Yip Diana	

*Visiting Scholars / Postdoctoral Fellows / Research Associates / Research Assistants (Cont'd)*

Period	Co-worker	Current Position
June 7, 2004 – Aug. 31, 2005	Prof. DUAN Wubiao	Professor, Department of Chemistry, Beijing Jiaotong University, China
Aug. 1, 2005 – Jan. 9, 2007	Prof. LO Pui-Chi Gigi	Associate Professor, Department of Biomedical Sciences, City University of Hong Kong
Aug. 15, 2005 – July 16, 2006 June 11 – July 31, 2012	Dr. ZHAO Baozhong	Senior Scientist, Bio-Synthesis Inc., Dallas/Fort Worth Area, USA
Apr. 1 – July 31, 2006	CHOW Yu-Kin Ken	
Mar. 1, 2007 – Feb. 29, 2008	Prof. LENG Xuebing	Associate Professor, Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, China
Aug. 1, 2008 – Aug. 14, 2010	Prof. LIU Jian-Yong	Professor, College of Chemistry, Fuzhou University, China
May 3, 2010 – March 2, 2012	Dr. JIANG Xiong-Jie	
Apr. 16, 2012 – Aug. 15, 2013	Prof. HE Hui	Associate Professor, College of Pharmaceutical Sciences, Soochow University, China
Aug. 1, 2013 – Dec. 31, 2015 Aug. 1 – Aug. 31, 2016	Dr. SHI Wen-Jing	Lecturer, School of Chemistry and Chemical Engineering, Guangzhou University, China
June 29, 2015 – Mar. 28, 2016 May 16, 2016 – Dec. 31, 2017	ZHAO Shirui	

*Visiting Scholars / Postdoctoral Fellows / Research Associates / Research Assistants (Cont'd)*

Period	Co-worker	Current Position
Feb. 1, 2016 – July 31, 2016	Dr. CHAN Yu-Man Joe	
Nov. 1, 2016 – Oct. 31, 2018	Dr. CHEN Xiao-Fei	Institute of Analysis, Guangdong Academy of Sciences (China National Analytical Centre, Guangzhou), China
Oct. 1, 2017 – Aug. 11, 2019	Dr. WONG Chi-Hang Roy	
Oct. 3, 2017 – Oct. 16, 2018	Dr. CAO Yue	Associate Professor, Department of Forensic Medicine, Nanjing Medical University, China
Oct. 18, 2018 – May 1, 2019	Dr. ZHOU Yimin	Institute of Biomedicine and Biotechnology, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, China
Apr. 8, 2019 – Nov. 22, 2019	Dr. YU Ligang	
Oct. 10, 2019 – July 31, 2020	KANG Fangyuan	
Nov. 4, 2019 – Mar. 20, 2020	Dr. HA Yin-Yuen Summer	Postdoctoral Research Fellow, Texas Therapeutics Institute, The University of Texas Health Science Center at Houston, USA
Sep. 15, 2020 – Nov. 12, 2021	Dr. DAI Gaole	Suzhou Institute of Systems Medicine
May 10, 2021 – Aug. 31, 2021	WU Qianqian	Ph.D. student, Department of Biomedical Sciences, City University of Hong Kong