



Hang Luo

Details

**Hong Kong Baptist University,
Hong Kong, China**

Tel: 67426179

Email: luohang@hkbu.edu.hk

DATE / PLACE OF BIRTH

1/10/1997

Xi'an, China

Research Interest

- **Oligonucleotide synthesis and modification**
- **Aptamer drugs**
- **Target protein degradation (PROTACs)**

Education

Research assistant, Hong Kong Baptist University (9/2022 –PRESENT)

Research area: Synthesis and evaluation of novel aptamer conjugates

Advisor: Prof. Dr. Ge Zhang

Master, University of Chinese Academy of Sciences (9/2019 – 6/2022)

Research area: Synthesis and bioactivity evaluation of aptamer conjugates and light-controllable sgRNA.

Advisor: Prof. Dr. Li Wu

Bachelor, Xi'an Shiyou University (9/2015 – 6/2019)

Research area: Synthesis of functional graphene materials.

Advisor: Prof. Dr. Dan Xue

Research Experience

SEPTEMBER 2022 –PRESENT

- **Synthesis and evaluation of novel aptamer conjugates**

SEPTEMBER 2019 –JUNE 2022

- **Design and synthesis of aptamer conjugates**
- **Affinity and ribonuclease-resistant optimization of aptamer conjugates**
- **Synthesis of light-controllable sgRNA for gene cleavage of CRISPR/Cas9**

SEPTEMBER 2015 – JUNE 2019

- **Design of air cleaner**
- **Design and synthesis of functional graphene materials for air or water cleaning**
- **Prepare lab equipment and gather literature information**

Honors and Awards

SEPTEMBER 2019 –JUNE 2022

- **Academic award of DHS Instruments**
- **Merit student of University of Chinese Academy of Sciences**

SEPTEMBER 2015 – JUNE 2019

- **Third prize in national College Mathematics Competition (non-mathematics major)**
- **Second prize in “Challenge Cup” academic scientific competition**
- **National Encouragement scholarship**
- **Excellent graduate of Xi’an Shiyou University**

Publications

Patent: Li Wu, Hang Luo, Aptamer-based targeting chimera and its degradation of tau protein. (Application number: 202210082134.7)

Paper: Hang Luo, Li Wu, Yujian He, Chong Qin, Xinjing Tang, Major advances in emerging degrader technologies. (DOI number: 10.3389/fcell.2022.921958)