

# CV of Yan Kang

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## Education

- M.S. in Mathematics & Statistics, Louisiana Tech University, USA, 2010
- M.S. in Pharmacology, Chengde Medical University, China, 2008
- B.S. in Pharmaceutics, China Pharmaceutical University, 2005

## Professional Skills

- 15 years of experience in clinical trial development and operations (Oct 2010 – Present)
- Clinical research areas: psychiatry, endocrinology, thoracic surgery, oncology, cardiology, bone health
- Clinical trials: Phase I–II oncology studies, Phase II–III rare disease studies, and Phase III to post-marketing research

## Work Experience

1. Associate Director of Clinical Operations, Innocube Bioscience (Jun 2022 – Present)
  - Led overall planning and strategy of clinical operations.
  - Managed multiple clinical trials to ensure compliance with protocols and regulations.
  - Supervised cross-functional teams to deliver high-quality, on-time, and within budget.
  - Oversaw CRF design, EDC/TMF/CTMS setup, data quality, and documentation.
  - Prepared for FDA inspections/audits and maintained inspection-ready documents.
  - Collaborated with investigators on clinical endpoint design and supported publications.
  - Managed proposals, budgets, grants, and contracts.
2. Senior Clinical Project Manager, Remegen Biotech (Jan 2021 – Jun 2022)
  - Oversaw multiple early- and late-stage clinical trials.
  - Drafted study protocols, interim analysis, regulatory documents, and meeting materials.
  - Ensured data accuracy, integrity, and managed CTMS/TMF.
  - Supervised CTA, budgets, and site payments.
3. Senior Clinical Researcher, National Institutes of Health (NIH), USA (Jan 2020 – Dec 2020)
  - Managed daily operations of multiple clinical trials.
  - Drafted core documents (protocols, ICFs), coordinated with IRB/IDE/FDA submissions.
  - Supported data management, interim/final analyses, and publications.
  - Oversaw project scope, budgets, contracts, and vendor management.

4. Clinical Researcher II, Children's National Medical Center, USA (Aug 2017 – Dec 2019)

- Supported clinical trial operations and research design.
- Maintained EDC systems and ensured data quality.
- Contributed to publications and conference presentations.

5. Bioinformatics Scientist, American Informatics Consultant LLC (Sep 2014 – Jul 2017)

- Integrated clinical and genomic data for translational and RWE research.
- Conducted advanced statistical and enrichment analysis.
- Supported FDA regulatory submissions and authored research papers.

6. Clinical Researcher/Data Manager, Tulane University, USA (Oct 2010 – Jan 2013)

- Managed multiple clinical studies per institutional and regulatory requirements.
- Drafted ICFs, CRFs, IRB submissions, and progress reports.
- Led data cleaning, QC, and preliminary analysis.
- Managed study-related budgets and finances.

## **Selected Publications**

• Shi S, Yu G, Huang B, Mi Y, Kang Y, Simon JP. PPARG Could Work as a Valid Therapeutic Strategy for the Treatment of Lung Squamous Cell Carcinoma. PPAR Res. 2020; 2020:2510951.

• Zhao M, Li X, Zhang Y, Zhu H, Han Z, Kang Y. PPARG Drives Molecular Networks as an Inhibitor for the Pathologic Development and Progression of Lung Adenocarcinoma. PPAR Res. 2020; 2020:6287468.

• Lian X, Zhu C, Lin H, Gao Z, Li G, Zhang N, Cao B, Kang Y. Radiosensitization of HER2-positive esophageal cancer cells by pyrotinib. Biosci Rep. 2020; 40(2): BSR20194167.

• Zheng Y, Li X, Manor LC, Cao H, Chen Q. An Integrative Computational Approach to Evaluate Genetic Markers for Chronic Lymphocytic Leukemia. J Comput Biol. 2017; 24(9):942-952.

• Xu Y, Wang J, Rao S, Ritter M, Manor LC, Backer R, Cao H, Cheng Z, Liu S, Liu Y, Tian L, Dong K, Yao Shugart Y, Wang G, Zhang F. An Integrative Computational Approach to Evaluate Genetic Markers for Bipolar Disorder. Sci Rep. 2017; 7(1):6745.

• Fan F, Manor LC. The Genetic Network underlying Eating Disorder and its Small Molecular Level Supports. J Psychiatry Brain Sci. 2016; 1(4):2.

• Kang Y, Tong J. Separation and purification of organic acid from fruits of *Thladiantha dubia* by ion-exchanged resin. Transaction of Chengde Med College, 2009.

• Kang Y, Tong J. Research on function mechanism of anti-inflammatory and analgesic medicine. Transaction of Chengde Med College, 2007.

- Liu Y, Kang Y. The relationship between analgesic effect of nudicaulol and opium receptors. Lishizhen Med Mater Med Res, 2007.
- Kang Y, Tong J. Water extract of *Cordyceps militaris* enhances maturation of murine bone marrow-derived dendritic cells in vitro. World Phytomed, 2007.
- Kang Y, Tong J. Aged garlic extract ameliorates physical fatigue. World Phytomed, 2007.