Yue **TONG**

Profile

Project Lead with 10+ years of experience bridging biomedical research, data-driven insights, and complex project delivery. Proven ability to manage multi-stakeholder projects, translate technical findings into strategic recommendations, and drive data-informed decision-making in healthcare and biotechnology contexts. Developing strengths in disease modeling, computational analysis, and applied problem solving, with demonstrated strengths in planning, coordination, and cross-functional communication.

Contact details

- ✉ yue.tong94@gmail.com
- ☎ +32 494 06 45 61
- ⌂ bagel-yt.github.io
- in linkedin.com/in/yue-tong

Core Skills

- **Project & Program Management**: project planning, milestone tracking, interdisciplinary coordination, documentation
- **Scientific & Strategic Analysis**: hypothesis-driven analysis, data integration and interpretation, evidence-based conclusions
- **Reproducible Workflows**: command-line tools (Python, R, Bash), Git-based version control; workflow standardization and automation
- **Domain Expertise**: disease modeling (genetic disorders, cancer genomics), multi-omics integration, organoids, clinical care
- **Communication**: technical and lay-audience presentations, concise written reports, communication across diverse audiences

Experience

FRIA Doctoral Fellow at *ULB Center for Diabetes Research & F.R.S.-FNRS (Belgium).*   **2020.10–2025.09**
◇ Delivered multiple completed research projects with defined timelines and documented outputs, resulting in 5 international conference presentations and 7 peer-reviewed publications.
◇ Coordinated the development and validation of 8 stem-cell and organoid disease models, integrating clinical data, cellular functional assays, and transcriptomics into reusable translational platforms.
◇ Assembled and coordinated multiple collaborative teams across laboratories and institutions, aligning data sharing, standardized protocols, and joint reporting into shared project deliverables.

Graduate Research Fellow at *National Key Lab of Diabetes Immunology.(China).*   **2017.09–2020.06**
◇ Delivered a curated longitudinal dataset from a 1,000-participant diabetes cohort for downstream analysis.
◇ Produced biomarker-based disease stratification results through integrated statistical analyses.
◇ Implemented standardized clinical and data-collection protocols to ensure data consistency and reliability.

Junior Clinical Fellow at *The 2nd Xiangya Hospital, Central South University (China).*   **2017.09–2020.06**
◇ Supported >300 patients annually through personalized treatment plans integrating lifestyle interventions and pharmacological management.
◇ Partnered with multidisciplinary teams to optimize diabetes care pathways, reducing follow-up delays and improving clinical record systems.

Junior Clinical Fellow at *Xiangya Hospial & The 1st Hospital of Changsha (China).*   **2009.03–2011.10**
◇ Supported clinical decision-making and patient management within multidisciplinary teams.
◇ Gained firsthand experience in healthcare operations, patient pathways, and clinical documentation.

Selected Projects

Visiting Researcher on Cancer Genomics at *University of Surrey (United Kingdom).*   **2025.11–Present**
◇ Curated analysis-ready cancer genomics datasets (Whole Genome Sequencing, Copy Number Variations).
◇ Benchmarked cancer phylogeny tools to inform method selection across datasets.
◇ Built reproducible command-line workflows for data processing and evaluation.
◇ Delivered concise analytical summaries and visual outputs for interpretation and comparison.

Education

PhD of Biomedical and Pharmaceutical Sciences. *ULB Center for Diabetes Research, Université Libre de Bruxelles.*   **2020–2025.**

Master of Clinical Medicine: Internal Medicine. *The 2nd Xiangya Hospital, Central South University.*   **2017–2020**

Bachelor of Clinical Medicine. *Xiangya School of Medicine, Central South University.*   **2012–2017**