Yue Tong MD PhD

Biomedical Scientist

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Biomedical scientist with strong experience in translational disease modelling and cross-functional project delivery. Proven ability to lead research projects from concept to delivery, coordinate interdisciplinary stakeholders, and integrate biological and clinical data into actionable insights. Hands-on experience across biotech-relevant platforms including organoids, genome editing, and computational data analysis. Now seeking an industry-facing role within biotech, pharma, or CRO where scientific expertise, project coordination, and analytical thinking can drive translational impact.

EXPERIENCE

Doctoral Fellow
ULB Center for Diabetes Research

📅 Oct 2020 – Sep 2025   📍 Brussels, BE

- Led the development and coordination of multiple gene-edited iPSC-derived organoid disease models to investigate rare and common forms of diabetes, generating translational datasets to support disease mechanism discovery and therapeutic hypotheses.
- Delivered end-to-end research projects from experimental design through data analysis and publication, managing timelines, datasets, and cross-functional inputs.
- Coordinated interdisciplinary collaborations across clinical, molecular biology, and computational teams to align protocols, data integration, and shared project outcomes.

Graduate Research Fellow
National Key Lab of Diabetes Immunology

📅 Sep 2017 – Jun 2020   📍 Changsha, CN

- Delivered curated longitudinal datasets from diabetes patient and FDR cohorts and performed integrated statistical analyses to address fragmented clinical and biomarker data, enabling biomarker discovery and disease stratification.
- Implemented standardized clinical and data-collection protocols to resolve inconsistencies across large cohorts, improving data reliability, comparability, and analytical validity.
- Collaborated with multidisciplinary research and clinical teams to align data generation with translational research objectives, ensuring analysis outputs were clinically relevant and reusable.

Junior Clinical Fellow
Xiangya Hospial & The 2nd Xiangya Hospital

📅 Sep 2009 – Jun 2020   📍 Changsha, CN

- Supported over 300 patients annually through individualized treatment plans to manage complex diabetes care needs, contributing to improved adherence and continuity of care.
- Worked within multidisciplinary clinical teams, gaining firsthand exposure to healthcare systems, patient pathways, and data-driven decision-making.
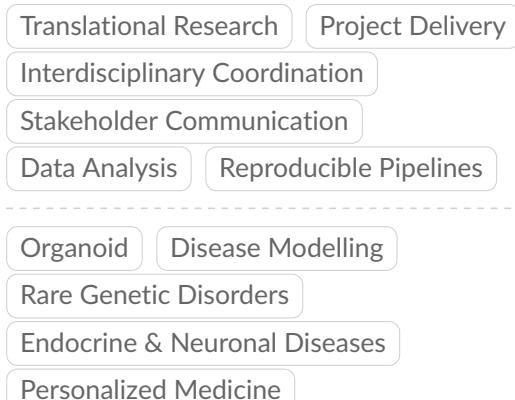
RESEARCH VISIT

Visiting Researcher — Cancer Evolution
University of Surrey

📅 Nov 2025 – present   📍 Guildford, GB

- Built reproducible data-processing workflows and delivered clear analytical outputs to support decision-making and methodological refinement.

SKILLS

Translational Research   Project Delivery
Interdisciplinary Coordination
Stakeholder Communication
Data Analysis   Reproducible Pipelines

Organoid   Disease Modelling
Rare Genetic Disorders
Endocrine & Neuronal Diseases
Personalized Medicine

EDUCATION

PhD of Biomedical and Pharmaceutical sciences
Université Libre de Bruxelles

📅 2020 – 2025   📍 Brussels, BE

Master of Medicine
The 2nd Xiangya Hospital, Central South University

📅 2017 – 2020   📍 Changsha, CN

Bachelor of Clinical Medicine
Xiangya School of Medicine, Central South University

📅 2012 – 2017   📍 Changsha, CN

ACHIEVEMENTS

💗 **Patient-informed disease modelling**
Invited talk: Bedside-inspired diabetes modeling to understand pathogenic mechanisms of type 1 diabetes; at the IDS Congress (2022).

⚗ **Competitive doctoral fellowship**
Awarded a highly selective fellowship (Fund for Research Training in Industry and Agriculture), F.R.S.-FNRS, BE.

🕐 **Interdisciplinary project delivery**
Delivered multiple interdisciplinary research projects under strict time constraints, contributing to peer-reviewed publications.