FULL NAME

email address | phone number | address (just the city is enough)
LinkedIn profile
ORCID ID

SUMMARY

I'm an experienced Immunologist with over 10 years of expertise in cancer immunotherapy, currently leading pre-clinical projects at XYZ. I have strong expertise in therapeutic modalities including gene therapy, immune modulators (IL-12, IL-15), and adenoviral-based platforms. My experience spans early-stage research through to pre-clinical development, with a focus on advancing novel immunotherapies for cancer. I specialise in experimental design, team leadership, and building strategic collaborations, driving research from concept to patentable solutions. I'm passionate about leading high-impact immunology projects in a startup environment.

WORK EXPERIENCE

Principal Scientist | Company XYZ **Start date - End date**

- Scientific lead on a project in collaboration with the ABC Institute to develop a clinical candidate using the XYZ proprietary platform to express immunomodulating agents within the tumour microenvironment.
  This included:
  - Presented monthly updates to a committee from ABC Institute.
  - Development and characterisation of therapeutic candidates for cancer immunotherapy
  - Developed and optimised in vitro, ex vivo, and in vivo assays, working closely with the immunology team to generate and analyse preclinical data
  - Main inventor of a patent for an optimised receptor transgene
- Training of junior colleagues and direct reports (4) in a broad array of techniques (see the 'Technical Skill' section below) to support several projects
- Key contact for collaborations with external CROs for:
  - supply of human tissues (blood and primary tumours)
  - transfer of protocols and training to generate pre-clinical (including GLP) data
- Key role in establishing a collaboration with an academic partner

Senior Scientist | Company XYZ **Start date - End date**

- Senior member of the Research team, involved in the characterisation of engineered fragment antibodies for cancer immunotherapy. This involved:
    - Design, generation, analysis and presentation of high quality data obtained with a broad range of immunology-based techniques (see the 'Technical Skill' section below)
    - Writing of a collaborative project with the ABC Institute. This was awarded with an internship to learn high-resolution microscopy techniques (FRET-FLIM and STED), which was key for a publication.

Postdoctoral Fellow | Academic Institution **Start date - End date**

- Conducted a project focused on studying the role of XYZ receptors in innate immune response to pathogens
- Established a new collaboration for the group
- Public engagement to share the exciting research by our group presenting the latest results and advances in conferences
- Supervised and mentored 2 undergraduate students

EDUCATION

PhD Researcher | Department and Academic Institution **Start date - End date**

Dissertation Thesis: XYZ
• Funded with XYZ PhD Fellowship (awarded to the 5% of the applicants)
• Main project focused on B cell physiology and innate immune responses
• Secondary projects focused on breast cancer and inflammation
• Well trained in a broad range of techniques (see technical skills)
• Built knowledge in how to conduct a project and in general how to work within a research team
• Established a new collaboration for the group
• Co-inventor of a published patent (see patent section)
• Assisted in laboratory practices (Protein Biochemistry course) for undergraduate students

Master degree in Biotechnology | Department and Academic Institution **Start date - End date**

Dissertation Thesis: XYZ

- Biophysically characterised the role of metal-binding transcription factors in *Salmonella typhimurium*
- Enhanced and implemented a protein purification method to reduce both cost and production time by a 25%
- Crystallised and solved structures of the mutant proteins by X-ray crystallography

TECHNICAL SKILLS

- **In vivo work:** dissection of adult mice, isolation and culture of primary cells from different tissues; experience in colony management and genotyping; extensive experience in both immunocompetent and immunodeficient mouse models (including humanised mice)
- **Molecular Biology:** DNA and RNA extraction from cells and tissues; PCR and real time PCR; Chromatine Immunoprecipitation; familiar with cloning techniques
- **Biochemistry:** protein extraction from cells and tissues; Western Blotting; Immunoprecipitation; protein purification (SEC, anion exchange, affinity chromatography; ELISAs (different formats)
- **Cell biology:** extensive experience in cell and tissue culture (both 2D and 3D) from primary human and mouse …

etcetera

ADDITIONAL SKILLS

- **People management:** Successfully built and led a team of four PhD-level scientists, providing mentorship, scientific guidance, and career development support. Committed to fostering a transparent and collaborative work environment, offering constructive feedback, and encouraging professional growth.
- **Project management:** Experienced in leading cross-functional projects at the preclinical stage, with responsibility for overseeing regulatory submissions. Skilled in coordinating multidisciplinary teams, ensuring timely project delivery, and managing collaborations with internal and external stakeholders.
- **Therapeutic Development:** Extensive experience in advancing therapeutic candidates from early discovery to late-stage preclinical development. Skilled in designing and executing studies for target validation, candidate selection, and in vivo efficacy testing. Strong understanding of regulatory requirements for preclinical packages supporting IND/CTA submissions.
- **Therapeutic Modalities:** Extensive experience in developing biologics and advanced therapies, including engineered proteins, monoclonal and bispecific antibodies, oncolytic viruses, and cytokine-based immunotherapies. Skilled in designing and optimizing preclinical models to evaluate therapeutic efficacy and mechanism of action.

SELECTED PUBLICATIONS AND PATENTS

- ORCID ID
- (List relevant journal publications (max 3) with DOI links.)
- (List patents.)