

Alexander Fleming

415.999.9999 | Alexander.Fleming@ucsf.edu

QUALIFICATIONS SUMMARY

- Over 3 years of experience in clinical pharmacology, drug development, and PK/PD
- Excellent communication and presentation skills for a broad audience having authored and presented various national and international studies
- Strong expertise in analyzing and interpreting clinical data from Phase I-III trials through deep understanding of Phoenix NLME and NONMEM software

DRUG DEVELOPMENT EXPERIENCE

Clinical PK Scientist (*Oncology – Small Molecules*) (Month Year – Present)
Science Co.1 | xxx, CA

- Analyze PK/PD data through simulation tools to impact decisions in dose escalation for oncology patients
- Lead 2 major oncology Phase I/II programs which included interpreting and presenting PK/PD data to senior management enabling cohort escalation and expansion decisions
- Plan and review study designs and analysis plans for Phase I-III studies

Clinical Research Pharmacist (Month Year – Month Year)
University of California, San Francisco (UCSF) – School of Pharmacy | San Francisco, CA

- Assisted with all aspects of investigational drug supply and medication dispensing for 3 clinical trials through meticulously maintaining study protocols, documentation requirements, and DEA/FDA guidelines
- Participated as a key team member by collaborating and communicating with researchers and senior staff to clarify goals, identify study subject parameters, and potential complications

Clinical Pharmacology Consultant (*Oncology – Large Molecules*) (Month Year – Month Year)
Science Co.2 | xxx, CA

- Guided protocol development for PK bridging study in x-country with global cross-functional teams
- Simulated, interpreted, and presented preliminary PK data for clinical study team meetings to enable dose-escalation decision on a high priority xxx program which aided in granting breakthrough therapy designation by the FDA
- Prepared regulatory documents for filing of a New Drug Application (NDA)

POST-DOCTORAL FELLOWSHIP EXPERIENCE

Pharmacokineticist I – Post-Doctoral Fellow in Clinical PK/PD (Month Year – Month Year)
Science Co.3 | xxx, CA

- Facilitated development of protocols and study reports in x-number of studies in the US and globally
- Reviewed PK/PD data for multiple studies, including drug-drug interaction, relative bioavailability, absolute bioavailability using microtracer IV dose, and bioequivalence
- Presented PK/PD study results and conclusions to Pharma clients in study closeout meetings

Post-Doctoral Fellow in Clinical PK/PD (Month Year – Month Year)
University of California, San Francisco (UCSF) – School of Pharmacy | San Francisco, CA

- Designed and implemented a three-way crossover clinical drug-drug interaction study to understand the contribution of direct X-xxx to xxx probe xxx in healthy human volunteers
- Performed the role of a clinical study coordinator and drove trial to completion within 3 months
- Developed the clinical study protocol, consent forms, and recruited subjects
- Generated and presented clinical data at ACCP Clinical Pharmacology Conference and received the Pharmacology Innovative Research Award
- Developed a clinical study in post-cardiac arrest patients to ascertain the impact of therapeutic xxx on the absorption and metabolism of drug x through obtaining a \$5,000 fund from the ACCP Research Institute Futures Grant

AWARDS & RECOGNITION

Presidential Trainee Award, <i>American Society for Clinical Pharmacy</i>	(Month Year)
Pharmacology and Therapeutics Award, <i>American Society for Clinical Pharmacology</i>	(Month Year)
Clinical Research Award, <i>UCSF</i>	(Month Year)
National Science Foundation Fellowship, <i>National Science Foundation</i>	(Month Year)
Dean's Public Service Award, <i>UCSF</i>	(Month Year)

CERTIFICATIONS

California State Board of Pharmacy Licensure	(Month Year – Present)
--	------------------------

PROFESSIONAL LEADERSHIP & SERVICE

American College of Clinical Pharmacy (ACCP) President, <i>UCSF Chapter</i>	(Month Year – Month Year)
International Society of Pharmacometrics (ISoP) Member	(Month Year – Month Year)
American College of Clinical Pharmacology Member	(Month Year – Month Year)
Antibiotic Resistance Project Coordinator, <i>UCSF</i>	(Month Year – Month Year)
Children's Health Hut Health Fair Volunteer, <i>UCSF</i>	(Month Year – Month Year)

EDUCATION

Doctor of Pharmacy , University of California, San Francisco	Month Year (Graduation Date)
Bachelor of Sciences, Biochemistry , University of California, Davis	Month Year (Graduation Date)

PRESENTATIONS

Paul Ehrlich, **Alexander Fleming**, and Robert Koch. *Penicillin*. UCSF Student Medical Society. Month, Year.

Paul Ehrlich, **Alexander Fleming**, Robert Koch, and Anton van Leeuwenhoek. *The Combination of Immunity with Chemotherapy*. UCSF Medical Center [abstract]. Month, Year.

Alexander Fleming. *Recent Progress in Antibiotics*. Lectures on the Scientific Basis of Medicine, vol. II. British Postgraduate Pharmacology Association. Month, Year.

Alexander Fleming. *Physiologically-Based Pharmacokinetic Penicillin Interactions*. Month, Year.

PUBLICATIONS

Alexander Fleming. *Problems in the Titration of Streptomycin*. British Medical Journal. Month, Year.

Paul Ehrlich, **Alexander Fleming**, Robert Koch, and Anton van Leeuwenhoek. *The Discovery of Penicillin*. British Medical Bulletin, vol. 2. Month, Year.

Paul Ehrlich, **Alexander Fleming**, Robert Koch, and Anton van Leeuwenhoek. *Penicillin for the British War Medicine Reviews*. Anglo Soviet Medical Committee. Month, Year.

Paul Ehrlich, **Alexander Fleming**, Robert Koch, and Anton van Leeuwenhoek. *On the Antibacterial Action of Cultures of Penicillium, with Special Reference to their use in the Isolation of B. Influenzae*. British Journal of Experimental Pathology. Month, Year.

IN SUBMISSION

Paul Ehrlich and **Alexander Fleming**. *The English Experiment*. (submitted to the American Journal of Pharmacy)

Paul Ehrlich and **Alexander Fleming**. *Influence of Penicillin on the Coagulation of Blood with Especial Reference to Certain Dental Operations*. (submitted to the British Medical Journal)