Joanne Chun

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EDUCATION

**University of California, San Francisco** **1996**

*Ph.D. Pharmaceutical Chemistry and Molecular Biology*

Dissertation: Cellular and Molecular Characteristics of Organic Cation Transport in Epithelial Cells

**University of California, San Francisco** **1993**

*Pharm.D.*

**University of California, Berkeley** **1988**

*B.S. Nutrition and Food Science*

WORK EXPERIENCE

**CBI (Cellular Bioengineering) – Skai Technologies 2007 – 2009**

***Senior Research Scientist*** Honolulu, HI

* Established the safety of TruTag, a micro tag that can be applied to pills, tablets, and capsules as edible barcodes
* Investigated different methods of application of TruTag to relevant products after assessing chemical purity of tag
* Authored and submitted drug master file (DMF) to the Food and Drug Administration (FDA)

**University of California, San Francisco 1990-1996**

***Graduate Researcher*** San Francisco, CA

* Designed and researched drug processes in the kidney; how transport processes are regulated at a molecular level
* Utilized expression cloning in *Xenopus laevis* oocytes to clone the renal organic cation transporter and subsequently elucidated the mechanisms involved in the regulation of said transporter

**University of California, San Francisco 1992-1993**

***Teaching Assistant*** San Francisco, CA

* Directed workshops teaching pharmaceutical chemistry to support students enrolled in UCSF Pharm.D. program
* Led lessons in biopharmaceutics/pharmacokinetics to students enrolled in UCSF M.D. and Pharm.D. programs

**Kaiser Foundation Hospital 1989-1993**

***Pharmacist Intern*** San Francisco, CA

* Trained in Outpatient pharmacy, processed new and refill prescription requests, counseled patients on medication
* Prepared drug admixtures including IV chemo, investigational, and parenteral/enteral nutrition; prepared unit dose medication, filled pixis machine, performed out-of-date checks, and handled safe medication disposal

**University of California, Irvine – Medical Center 1993**

***Pharmacist Intern*** Orange, CA

* Trained in anti-coagulation clinic, drug information, poison control, and clinical and neonatal/pediatric pharmacy
* Monitored warfarin patients with consult to evaluate lab results, drug/food interactions, and outpatient follow-up
* Researched to provide oral and written referenced responses to questions about medication exposures as well as household, occupational, and environmental exposure concerns along with other drug information requests
* Optimized patient care utilizing medical history, medication reconciliation, and proposing drug therapy plans

**FHP Pharmaceutical Services 1993**

***Pharmacist Intern*** Tustin, CA

* Trained in home-infusion/home-health pharmacy, both administrative methods and medical delivery equipment
* Prepared IV antibiotics, parenteral/enteral nutrition, hydration, and other sterile drug product admixtures

PUBLICATIONS & PRESENTATIONS

**Joanne K. Chun**, Micheline Piquette-Miller, Lei Zhang, and Kathleen Giacomini: “Expression of Human Polyspecific Renal Organic Cation Transport Activity in *Xenopus laevis* Oocytes”. Journal of Pharmaceutical Sciences 86(6):753-755.

Lei Zhang, Mark J. Dresser, **Joanne K. Chun**, Patricia C. Babbit and Kathleen Giacomini: “Cloning and functional Expression of a polyspecific organic cation transporter (OCT3) from rat kidney”. Clinical Pharmacology and Therapeutics. 61:235.

**Joanne K**. **Chun**, Lei Zhang, Micheline Piquete-Miller, Ernest Lau, Li-Qi Tong, and Kathleen Giacomini: “Characterization of Guanidine Transport in Human Renal Brush Border Membranes”. Pharmaceutical Research, 14(7):936-941.

Lei Zhang, Mark J. Dresser, **Joanne K. Chun** et al: “Cloning and Functional characterization of a rat renal organic cation transporter isoform (rOCT1A)”. J. Biol. Chem. 1997: 272:16548-16554.

Micheline Piquette-Miller, Carlo Bello, **Joanne K. Chan**, Kathleen Giacomini: “Interaction of nucleoside analogs with an intestinal Na+-Nucleoside transporter, N1”.  Clinical Pharmacology & Therapeutics, 59:186-186.

Ronda J. Ott, **Joanne K. Chan**, Vikram K. Ramanathan, Andrew C. Hui and Kathleen Giacomini: “Effect of Phenylisothiocyanate on Organic Cation Transport in Opossum Kidney Cells”.  J. Pharmacol. Exp. Ther. 269(1):204-208.

**Western Pharmacology Society Meeting 1995**

“Expression of the Renal Organic Cation Transporter in *Xenopus laevis* Oocytes” Maui, HI

**American Association of Pharmaceutical Scientists Meeting 1993**

“Substrate Regulation of the Organic Cation-H+ Antiporter in Opossum Kidney Cells” Orlando, FL

AWARDS & HONORS

**Western Pharmacology Society 1995**

***Best Poster Presentation*** Maui, HI

ADDITIONAL

* Cantonese (conversational), Portuguese (conversational), French (conversational), Spanish (conversational)
* Proficient in Kareo medical billing
* Real estate investing, development, and management in Hawaii, California, and Nebraska
* Enjoy volunteer work: preparing meals for migrant fisherman, sewing/knitting and donating various products to underserved communities