John Doe

# 1 Any Street

# Anytown, Anywhere 12345

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**SUMMARY**

Analytical **Synthetic Organic Chemist** with extensive research experience driving programs to successful conclusions. Skilled at conceiving, designing and synthesizing wide variety of molecular targets; highly adept at reaction optimization and scale-up. Proficient in using chemical database searching software and proprietary computational software for property prediction. Excellent medicinal chemistry insight, focus, communication, leadership, and team building skills.

**EDUCATION**

**PhD**, Organic Chemistry, University Name, Anytown, Anywhere

*Dissertation*: “Name of Dissertation”

**MS**, Industrial Chemistry, University Name, Anytown, Anywhere

*Thesis*: “Name of Thesis”

**BS**, Chemistry, University Name, Anytown, Anywhere

**TECHNICAL SKILLS / EXPERTISE**

**MS instrumentation:** Operation, trouble-shooting, and maintenance of Finnigan TSQ7000, TSQ700, LCQ, Sciex API365, and Micromass VG Quattro, Quattro LC, Quattro Ultima mass spectrometers. Data acquisition and processing.

**Drug metabolism:** In vitro metabolism, Cell culture, microsomal incubation, expressed enzyme incubation, metabolite profiling and structure elucidation using LC / radio-detection, LC / MS / MS and NMR.

**Bioanalysis:** Sample preparation using manual and automated SPE, liquid-liquid extraction, and chemical derivatization. Operation, trouble-shooting, and maintenance of variable HPLC systems using regular reverse phase, narrowbore, microbore, and capillary columns. HPLC / MS / MS method development and validation. Data analysis & report writing.

GC / MS, NMR, UV / VIS spectrophotometry, fluorometry, adsorption and size-permission LC.

**Other analytical technologies:**

**Languages:** Fluency in Russian and English, basic French

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**PROFESSIONAL EXPERIENCE**

**COMPANY NAME**,Anytown, Anywhere **20XX - 20XX**

**Senior Research Investigator** 20XX - 20XX

Led full phase program focused on new taxane analogs. Supervised 9 chemists and 1 coordinator.

 Identified and analoged several series of new taxane analogs with properties superior to paclitaxel for use in I/V administration.

 Prepared multigram quantities of competitor’s compound for *in vivo* evaluation.

 Prepared new 9-sulfur taxane analogs, advancing compound for clinical development.

 Prepared new T-3, T-6 macrocyclic taxane analogs.

 Prepared novel T-12, T-9 ortho-ester analogs of paclitaxel and docetaxel.

**Senior Research Investigator**20XX - 20XX

Led a team of 10 for tyrosine kinase inhibition full phase program.

* + - * Conceived, optimized and executed synthesis of over .1 kilogram of the key intermediate required for scale-up of preclinical candidate for large animal toxicology study; met aggressive timelines.
      * Discovered several new, highly active inhibitors through intensive laboratory research.
      * Scaled-up multi-gram quantities of active compounds for *in vivo* studies.
      * Collaborated with chemists and development scientists, which led to the scale-up of 3 clinical development programs.

**Research Investigator** 20XX - 20XX

Team member on new phosphotransferase inhibition full phase program.

* + - * Discovered several new, active analogs based on benzimidazole core and another proprietary core, improving synthesis of important intermediate in other series.
      * Supplied multi-gram quantities of active compounds for *in vivo* studies, which consistently exceeded aggressive timelines.
      * Advanced compound for clinical development and established back-up program.

**COMPANY NAME**, Anytown, Anywhere **19XX - 20XX**

**Research Organic Chemist** 19XX - 20XX

Lead chemist in initiative utilizing natural products as templates for parallel synthesis. Supervised associate chemist.

* + - * Prepared 5 focused libraries by solution phase parallel synthesis techniques using natural product anisomycin as template.
      * Submitted 97 compounds to deck for screening purposes.
      * First in department to utilize proprietary suite of software and hardware for parallel synthesis developed by Early Discovery Chemistry.

**Lead Chemist** 19XX - 19XX

Team member on natural products program.

* + - * Prepared over 300 novel compounds using combinatorial and conventional synthetic techniques.
      * Identified analogs with superior activity against systemic infections. Collaborated with Natural Products Fermentation and Natural Products Isolation to initiate effort, which resulted in identification of naturally occurring anti-fungal agent with novel structure.

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**Chemist** 19XX - 19XX

Team member on antitumor agents full phase program.

* + - * Discovered multiple orally active taxanes.
      * Successfully scaled-up multi-gram quantities of active compounds for *in vivo* studies.
      * Prepared multi-gram quantities of preclinical candidate for various in vivo and toxicology studies.
      * Successfully advanced a compound (XYZ-689035) for clinical development.

**AFFILIATIONS**

**Member**, American Society of Mass Spectrometry, 20XX-present

**Member,** International Society for the Study of Xenobiotics, 20XX-present