

PATENT AGENT

Steven Burgess, Ph.D.

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EDUCATION

- Ph.D., Chemistry, Portland State University, 2008
- B.Sc. (Hons.) in Chemistry, University of Bristol, U.K., 1992

BAR ADMISSIONS

- U.S. Patent and Trademark Office (Reg. No. 71,428)

YEAR JOINED FIRM

2013

PRACTICE AREAS

Patents

TECHNOLOGIES

Chemical

TECHNICAL EXPERTISE

Dr. Burgess is a patent agent skilled in all aspects of chemistry. Dr. Burgess has more than 15 years of industrial experience in synthetic organic and medicinal chemistry including designing, synthesizing, and optimizing novel antimalarial and antibacterial drugs.

PRIOR PROFESSIONAL EXPERIENCE

DesignMedix, Inc.

Senior Scientist | 2008 - 2013

Designed and synthesized novel antimalarial and antibacterial drugs. Project manager for the preclinical testing of the lead RCQ candidate.

Portland State University

Research/Teaching Assistant | 2003 - 2008

Dissertation title: Design and synthesis of antimalarial drugs based on a chloroquine scaffold.

Maybridge PLC

Scientist | 2001 - 2003

Team Leader | 1999 - 2001

Senior Chemist | 1995 - 1999

Chemist | 1992 - 1995

Designed and synthesized screening libraries, and synthetic intermediates, and managed custom synthesis projects.

PROFESSIONAL ACTIVITIES

- Reviewer, Journal of Medicinal Chemistry

HONORS AND AWARDS

- Paul Emmett Outstanding Graduate Student Award, 2007

PRESENTATIONS AND PUBLICATIONS

- Burgess, SJ; Kelly, JX; Shomloo, S; Wittlin, S; Brun, R; Liebmann, K; Peyton, DH: Synthesis, Structure-Activity Relationship, and Mode-of-Action Studies of Antimalarial Reversed Chloroquine Compounds. *J. Med. Chem.* 2010, 53(17): 6477-6489.
- Andrews S, Burgess SJ, Skaalrud D, Kelly JX, Peyton DH: Reversal agent and linker variants of reversed chloroquinones: activities against *Plasmodium falciparum*. *J. Med. Chem.* 2010, 53(2):916-919.
- Burgess SJ, Selzer A, Kelly JX, Smilkstein MJ, Riscoe MK, Peyton DH: A Chloroquine-like Molecule Designed to Reverse Resistance in *Plasmodium falciparum*. *J. Med. Chem.* 2006, 49(18):5623-5625.