

Pharma-Vation Consulting

Company Profile

Founded in 2007, Pharma-Vation Consulting, LLC provides expert consulting advice to the pharmaceutical industry. Our experts have years of experience in small molecule drug discovery and development. The consulting team effectively partners to provide both cutting edge medicinal chemistry and computational chemistry expertise to enable the discovery of novel medicines.

Current clients include virtual and small biotech companies, service based biotech companies, venture capital funds, and the National Institute of Health.

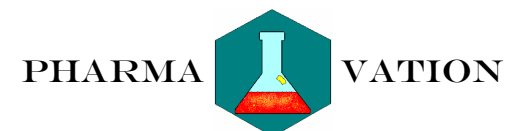
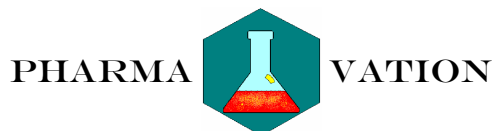
Pharma-Vation Consulting, LLC

1201 Turnberry Ridge Ct.
Chesterfield, MO 63005

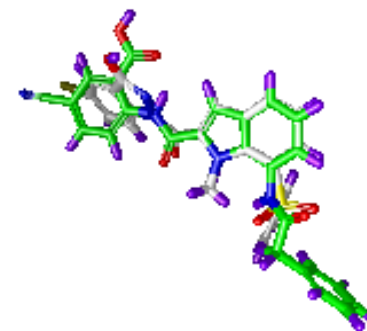
Phone: 636-536-6487

Cell: 636-579-6870

E-mail: donnalromero@gmail.com



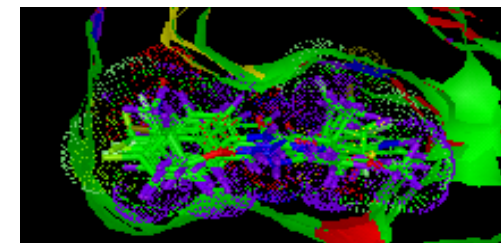
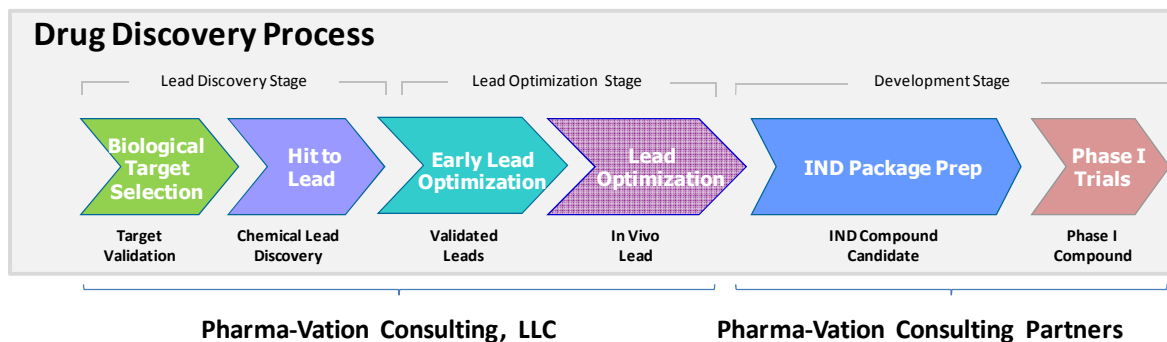
Pharma-Vation Consulting, LLC
Innovative drug discovery consulting.



**Expert Consultants
in Drug Discovery
and Design.**

**Medicinal,
Synthetic, and
Computational
Chemistry
Expertise**

Pharma-Vation Consulting, LLC Services



Analysis of Virtual Screen Results

Modern Medicinal Chemistry Drug Discovery

- **Medicinal chemistry strategy design**
 - SAR analysis
 - Synthetic route design
- **Optimization of Lead Candidates**
 - Design and synthesis of singletons and libraries
 - Testing funnel design
 - Property prediction
- **Outsourcing Expertise**
 - Compound Synthesis
 - Compound evaluation
- **Hit triaging services**
 - Evaluation of druggability
- **Intellectual Property evaluations**
- **Program and Project Leadership**

CONSULTANTS

Donna Romero, Ph.D. Owner, Senior Consultant, Medicinal Chemistry

Dr. Romero has 20 years of large pharma experience including management at the Senior Director level and team leadership experience. She is an expert in the design and synthesis of drug compounds, setting medicinal chemistry strategy and setting strategic direction for projects.

Doug Rohrer, Ph.D. Senior Consultant, Computational Chemistry

Dr. Rohrer has 38 years of experience in pharmaceutical drug discovery research. He is an expert in structure-based drug design, molecular modeling, and on the development of computational methods and programs to aid in the design of drug molecules.

Structure Based Computational Drug Discovery

- **Lead Discovery through Virtual Screening**
 - Protein docking and scoring
 - Ligand pharmacophore analysis
- **Hit Triaging Services**
 - Calculated Properties
 - Structural and chemical diversity analysis
- **Lead optimization using Structural Similarity analysis**
 - Selection of similar compounds for screening
 - Prioritization of compounds for synthesis
- **Structure-Activity Relationship development and analysis**
 - Structure based clustering
 - Steric and electrostatic basis for bioactivity