OF COUNSEL

Tanya M. Harding, Ph.D.

tanya.harding@klarquist.com

EDUCATION

- J.D., *cum laude*, Cornell Law School, 1999
- Baking and Pastry Diploma, Oregon Culinary Institute, 2014
- Ph.D., Plant Biology, University of California, Davis, 1996
- B.S., *magna cum laude* in Biotechnology, Cook College, Rutgers the State University of New Jersey, 1991

BAR ADMISSIONS

- Oregon, 1999
- U.S. Patent and Trademark Office (Reg. No. 42,630)

YEAR JOINED FIRM

1998

PRACTICE AREAS

Intellectual Property Counseling
Licensing & Technology Transfer
Patents: International, Plant, and Utility
Post-Grant USPTO Proceedings
Trademarks

TECHNOLOGIES

Agriculture & Food Science
Chemical
Green Technology & Renewable Energy
Life Sciences
Plants

PRACTICE AREA OVERVIEW

Dr. Harding prepares and prosecutes U.S., foreign, and international patent applications, as well as advises clients with regard to patent-related administrative proceedings, including interferences, European third-party document submissions, and European oppositions. She also prepares legal opinions, such as patentability, inventorship, freedom to use, and infringement/non-infringement opinions. License drafting and interpretation and client counseling regarding portfolio management and portfolio acquisition/transfer are additional aspects of Dr. Harding's work.

TECHNICAL EXPERTISE

Dr. Harding's technology areas include molecular and cell biology, basic and applied plant biology and genetics, biofuel production, cancer and immunology, infectious diseases (including viral diseases), vaccines, and microarray (including nucleic acid and protein arrays) and high throughput technologies. Her laboratory experience includes recombinant DNA techniques, protein isolation and analysis, immunology, and molecular, plant, and microbial genetics, as well as plant tissue culture (monocots and dicots). Research systems in which Dr. Harding has worked include tobacco, tomato, barley, wheat, and cucumber, as well as bacteria, yeast (*S. cerevisiae*), and Chlamydomonas.

PRIOR PROFESSIONAL EXPERIENCE

U.S. District Court – Northern District of N.Y., Hon. Thomas J. McAvoy, Chief Judge, Binghamton, NY
Judicial Externship | Spring 1998

Cornell University Law School, Ithaca, NY
Research Assistant to Professor Yvonne Cripps | Fall 1997

Sterne, Kessler, Goldstein & Fox P.L.L.C., Washington, D.C.
Summer Associate | May 1997 - August 1997

University of California, Davis, CA
Teaching Assistant, Department of Microbiology | Spring 1995

Graduate Research Associate, Depts. of Microbiology and Plant Biology | May 1991 - June 1996

PARTNER

Tanya M. Harding, Ph.D.

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PROFESSIONAL ACTIVITIES

- Member, Oregon Patent Law Association

PRESENTATIONS AND PUBLICATIONS

- Harding, T.M., Morano, K.A., Scott, S.V. and Klionsky, D.J. (1995). Isolation and characterization of yeast mutants in the cytoplasm to vacuole protein targeting pathway. J. Cell Biol., 313:591-602.
- Kim, J., Alizadeh, P., Harding, T.M., Hefner-Gravink, A., and Klionsky, D.J. (1996) Disruption of the yeast ATH1 gene confers better survival after dehydration, freezing, and ethanol shock: Potential commercial applications. Appl. Environ. Microbiol., 62:1563-1569.
- Harding, T.M., Hefner-Gravink, A., Thumm, M., and Klionsky, D.J. (1996) Genetic and phenotypic overlap between autophagy and the cytoplasm to vacuole protein targeting pathway. J. Biol. Chem., 271:17621-17624.
- Wang, Y.-X., Xhao, H., Harding, T.M., Gomes de Mesquita, D.S., Woldringh, C.L., Klionsky, D.J., Munn, A.L., and Weisman, L.S. (1996) Multiple classes of yeast mutants are defective in vacuole partitioning yet target vacuole proteins correctly. Mol. Biol. Cell, 7:1375-1389.

REPRESENTATIVE PATENTS

- Inhibitor of DNA Methylation (WO 03/012051 A2)
- Measurements of Multiple Molecules Using a Cryoarray (6,951,761)
- Method of Detecting Ivermectin Sensitivity in a Canine Subject by Identifying a Mutation in a MDR1-Encoding Sequence (6,790,621)
- Phenylthiocarbamide (PTC) Taste Receptor (7,314,725)
- Oxidation-Reduction Sensitive Green Fluorescent Protein Variants (7,314,736)
- Method to Trigger RNA Interference (8,030,473)
- Platelet Derived Growth Factor Receptor Alpha (PDGFRA) Polypeptides Comprising Activating Mutation(s) (8,202,969)
- Prevention of Tissue Ischemia, Related Methods and Compositions (8,236,313)
- Closterovirus Vectors and Methods (8,415,147)
- LMNA Gene and Its Involvement in Hutchinson-Gilford Progeria Syndrome (HGPS) and Arteriosclerosis (8,535,884)
- Farnesyltransferase Inhibitors for Treatment of Laminopathies, Cellular Aging and Atherosclerosis (8,828,356)
- Multi-Domain Amphipathic Helical Peptides and Methods of Their Use (8,835,378)