

DAMIAN H. KOTSIS, PH.D.

PRINCIPAL / DETROIT METRO OFFICE

Dr. Damian Kotsis concentrates his practice on preparing and prosecuting national and international patent applications in the life science and chemical arts, including biochemistry, molecular biology, pharmaceuticals, agricultural technology, organic chemistry, polymers and materials. Damian's clients include Fortune 500 companies, academic institutions, start-ups and individual inventors. He has helped these clients to obtain patent protection for inventions ranging from cancer therapies to fuel formulations. Damian also assists in the preparation of patentability and freedom-to-practice opinions, as well as with legal opinions relating to various litigation matters.

Damian is appreciated for his *truly broad range of technical expertise*. Damian learns as much as possible about each client's inventions and identifies how the inventions are distinguishable from what is known in the relevant art. In addition, his ability to recognize, understand, and capture a high degree of technical detail allows him to flesh out additional inventive embodiments for drafting and prosecuting patent applications that result in broad and meaningful patents.

PRACTICE AREAS

Patents

INDUSTRIES

Pharmaceutical & Biotechnology; Chemistry & Materials Science; Clean & Green Technology; Medical Devices; Semiconductor Processing & Devices

NEWS/EVENTS

IN THE NEWS

- "BioPharma: Local attorneys attend annual convention in San Diego," *LegalNews.com*, August 4, 2014
- "Profile in Brief," *LegalNews*, August 7, 2013

PUBLICATIONS



Direct: 248.641.1244

Fax: 248.641.0270

dkotsis@hdp.com

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DISSERTATION & THESIS

- Ph.D. dissertation: Regulation of De Novo Pyrimidine Biosynthesis by CAD and CTP Synthetase
- M.S. thesis: Detection of Nitric Oxide in a Biomimetic Circulatory Vessel

ACADEMIC PUBLICATIONS

- "Protein Kinase C Modulates the Up-regulation of the Pyrimidine Biosynthetic Complex," CAD by MAP kinase (2007) *Front. Biosci.* 12, 3892-3898
- "Protein Kinase A Phosphorylation of the Multifunctional Protein CAD Antagonizes Activation by the MAP Kinase Cascade," (2007) *Mol. Cell. Biochem.* 301(1-2), 69-81
- "Nuclear Localization and Mitogen-activated Protein Kinase Phosphorylation of the Multifunctional Protein," CAD (2005) *J. Biol. Chem.* 280, 25611-25620
- "Cell Cycle Dependent Regulation of Pyrimidine Biosynthesis," (2003) *J. Biol. Chem.* 278, 3403-3409
- "Detection of ATP-induced Nitric Oxide in a Biomimetic Circulatory Vessel Containing an Immobilized Endothelium," (2003) *Anal. Chem.* 75, 145-151
- "Flow Based Amperometric Detection of Dopamine in an Immobilized Cell Reactor," (2003) *J. Neurosci. Meth.* 124, 129-134
- "A Quantitative Examination of Some Analytes Involved in the Control of Pulmonary Resistance by Employing Various Microflow Techniques and Novel Bio-reactors," (2003) *Rev. Anal. Chem.* 4(22), 235-253

BLOGS

- At The Bench: Patent Law 2017 Takeaways
- At The Bench: 2017 Mid-Year Case Review
- 2016's Top Patent and Trade Secret Developments for Chemistry and Nanotechnology
- Enhanced Damages for Willful Infringement

BACKGROUND

Prior to joining Harness Dickey, Damian spent many years in different research laboratories. He performed research concerning de novo pyrimidine biosynthesis in normal and neoplastic breast cells, ATP induced nitric oxide release from endothelial cells lining fused silica microbore tubing, and ryanodine binding to calcium channels in skeletal muscle sarcoplasmic reticula. Damian's laboratory successes

led to publications in peer-reviewed journals, and he has presented his results at national and international conferences. Damian's extensive research experiences have given him a unique ability to appreciate the challenges that confront inventors. As a result, he is able to understand his client's goals and therefore help build asset value by obtaining meaningful IP protection.

AWARDS & DISTINCTIONS

- University of Detroit Mercy, Dean's Honor Society
- University of Detroit Mercy, Dean's Scholarship
- University of Detroit Mercy, Justice Frank Murphy Honor Society
- Wayne State University, Graduate Students Academic and Research Award
- Wayne State University, Rumble Fellowship

MEMBERSHIPS

- American Bar Association
- American Intellectual Property Law Association
- Michigan Intellectual Property Law Association
- American Association for the Advancement of Science
- American Chemical Society
- Alpha Sigma Nu

EDUCATION

J.D., *cum laude*, University of Detroit Mercy, 2010

Ph.D., Biochemistry and Molecular Biology, Wayne State University, 2010

M.S., Chemistry, Saint Louis University, 2002

B.S., Biochemistry, Michigan State University, 1999

BAR & COURT ADMISSIONS

Michigan

U.S. Patent and Trademark Office