

## John S. Winterle, Ph.D.

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John is a patent agent in our intellectual property and technology team.

He provides patent prosecution and litigation support with a focus on the chemical and pharmaceutical arts. His work includes technical research for due diligence, non-infringement and invalidity opinion work, and associated patent searches and evaluations, particularly for Hatch/Waxman certifications for ANDA filings. John also provides scientific and legal support for drug product litigations and has more than 35 years of experience both in fundamental chemical research and practical pharmaceutical development.

He was licensed in 2005 as a Patent Agent to practice before the United States Patent and Trademark Office. Prior to this, John was a senior manager at both Syntex Research (Palo Alto, CA) and then Roche Bioscience, where he directed a cGMP analytical chemistry group focused on documenting and qualifying new drug products for NDA approval. He was subsequently a Senior Postdoctoral Fellow at the University of California Santa Cruz (2003-2004), and also served on the Board of Directors of a biotechnical start-up company focused on commercializing a B-cell targeting technology for AIDS therapy.

John has been a Rotarian for 20 years, in California a past Club President, and now serves as a Director on the Board of Directors of the Rotary Club of Stamford, Connecticut, which supports local and international humanitarian projects.

SECRETARY **JOYCE DAVIS**

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### ADMISSIONS

- United States Patent and Trademark Office, Patent Bar

### PUBLICATIONS

Winterle, JS, Einarsdottir O, 'Photoreactions of Cytochrome C. Oxidase' (2006) Photochem. Photobiol. 82(3), 711-719

Winterle, JS, et al, 'Absolute kinetic characterization of 17-beta estradiol as a radical-scavenging, antioxidant synergist' (2001); Arch Biochem Biophys., 392(2):233-44

Bedford CD, Howd RA, Dailey OD, Miller A, Nolen HW 3rd, Kenley RA, Kern JR, Winterle JS, 'Nonquaternary cholinesterase reactivators. 3,3(5)-Substituted 1,2,4-oxadiazol-5(3)-aldoximes and 1,2,4-oxadiazole-5(3)-thiocarbohydroximates as reactivators of organophosphate-inhibited eel and human acetylcholinesterase in vitro' (1986), J Med Chem. 29(11):2174-2183

Visor GC, Lin LH, Jackson SE, Winterle JS, Lee G, Kenley RA. 'Stability of ganciclovir sodium (DHPG sodium) in 5% dextrose or 0.9% sodium chloride injections' (1986) Am J Hosp Pharm., 43(11):2810-2;

JS, Shunko Y, Visor GC, Winterle Kenley RA, Jackson SE, 'Water soluble complexes of the antiviral drugs, 9-[(1,3-dihydroxy-2-propoxy)methyl]guanine and acyclovir: the role of hydrophobicity in complex formation' (1986), J Pharm Sci. 75(7):648-653

Kenley RA, Howd RA, Mosher CW, Winterle JS, 'Nonquaternary cholinesterase reactivators. Dialkylaminoalkyl thioesters of alpha-ketothiohydroxamic acids as reactivators of diisopropyl phosphorofluoridate inhibited acetylcholinesterase' (1981) J Med Chem., 10:1124-33

Lewis JW, Winterle JS, Powers MA, Kliger DS, Dratz EA. 'Kinetics of rhodopsin photolysis intermediates in retinal rod disk membranes--I. Temperature dependence of lumirhodopsin and metarhodopsin I kinetics'. (1981) *Photochem Photobiol*, 34(3):375-84

Hammond, GS, J.S. Winterle, D.S. Kliger, 'Mechanisms of Photochemical Reactions in Solution. 80. Photochemical Oxidation of Tris(2,2'-bipyridyl) ruthenium(II) by Molecular Oxygen'. *J. Am. Chem. Soc.*, 98, 3719 (1976)

'Delayed Fluorescence and Phosphorescence of Aromatic Ketones in Solution' (1970), *J. Am. Chem. Soc.*, 92(2), pp 410 - 411

Saltiel, J., Cargill, R. L., Bundy, W. A., Pond, D. M., Sears, A. B., & Winterle, J. (1971). 'The Phosphorescence Spectra of Cyclopentenones'. *Molecular Photochemistry*, 3, 123-139;

## MEMBERSHIPS

■ American Association for the Advancement of Science

■ American Chemical Society

## EDUCATION

University of California, Santa Cruz, Senior Postdoctoral Fellow

University of California, Santa Cruz, Postdoctoral Fellow

California Institute of Technology, Ph.D.

Florida State University, B.S. cum laude

## LANGUAGES

ENGLISH

## DATES

JOINED: 2015

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