

## Dr. Rolf W. Winter, Publications and Patents, in Chronological Order

- 144.: "Synthesis of Endochin-Like Quinolones". Patent application WO 2022/197979; with Riscoe, M.K., and others.
- 143.: "New Scalable Synthetic Routes to ELQ-300, ELQ-316, and other Antiparasitic Quinolones". *Org.Proc.Res.Dev.* 25, 1841 (2021). With S.Pou, R.A.Dodean, K.M.Liebman, A.Nilsen, J.S.Doggett, M.K.Riscoe and others.
- 142.: "Novel Endochin-Like Quinolones Exhibit Potent in-vitro Activity against Plasmodium knowlesi but do not Synergize with Proguanil". *Antimicrobial Agents and Chemotherapy* 64, 1 (2020). With D.A.van Schalkwyk, S.Pou, M.K.Riscoe and others.
- 141.: "Subtle Changes in Endochin-Like Quinolone Structure Alter the Site of Inhibition within the Cytochrome bc1 Complex of Plasmodium falciparum". *Antimicrobial Agents and Chemotherapy* 59, 1977 (2015). With A.Stickles, S.Pou, A.Nilsen, M.K.Riscoe and others.
- 140.: "Discovery, Synthesis, and Optimization of Antimalarial 4(1H)-Quinolone-3-Diarylethers". *J.Medicinal Chemistry* 57, 3818 (2014). With A.Nilsen, G.P.Miley, M.K.Riscoe, and others.
- 139.: "Quinolone-3-Diarylethers: A New class of Antimalarial Drug". *Science Translational Medicine* 5, 1 (2013), With A. Nilsen, M. K.Riscoe, and others.
- 138.: Bromine-Facilitated Synthesis of Fluoro-Sulfur Compounds. R.W.Winter United States Patent Application 20100260659, October 14, 2010.
- 137.: "Novel, bromine-facilitatd synthesis of SF4", *J.fluorine chemistry* 131,780 (2010). With P.W.Cook.
- 136.: "5-(1.2.3-Triazol-1-yl)tetarazol Derivatives of an Azidotetrazol via Click Chemistry", *Chem.Eur.J.* 15, 9897-9904 (2009). With T.Abe, G.-H. Tao, Y.-H.Joo, G.L.Gard and J.M.Shreeve.
- 135.: "Discovery of dual-function acridones as a new antimalarial chemotype", *Nature* 459, 270 (2009).  
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- 134.: "The Reaction of SF5Br with Select 1.2.dihaloethylenes", *J.Fluorine Chemistry* 129, 1041 (2008).

With G.L.Gard.

133.: "Spin-zero anomaly in the magnetic quantum oscillations of atw-dimensional metal", New Journal of

Physics 10, 1 (2008). With J.Wosnitza, V.M.Gvozdikov, J.Hagel, O.Ignatchik, B.Bergk, P.J.Meeson, J.A.Schlueter, H.Davis and G.L.Gard.

132.: "Radical terpolymerization of 1.1.2-trifluoro-2-pentafluorosulfanylene and pentafluorosulfanyl-

ethylene in the presence of vinyliden fluoride and hexafluoropropene by iodine transfer polymerizati-

on", Macromolecules 41, 1254 (2008). With C.Boyer, B.Ameduri, B.Boutevin, W.R.Dolbier and G.L.Gard.

131.: "Pressure Dependence of the electronic properties of the quasi-two-dimensional organic  $\beta$ "-(E.T.) $2SF_5CH_2CF_2SO_3$ ", Physica C 460-462, 639 (2007). With J.Hagel, O.Ignatchik, J.Wosnitza, C.Pfleiderer, J.A.Schlueter, H.Davis and G.L.Gard.

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Plasmodium falciparum." Antimicrob. Agents and Chemotherapy 51, 4133–4140 (2007). With J. X. Kelly, M. J. Smilkstein, . A. Cooper, K. D. Lane, R. A. Johnson, A. Janowsky, R. A. Dodean, D. J. Hinrichs, and M. Riscoe

129.: "Antimalarial Quinolones: Synthesis, potency, and mechanistic studies". Exp.

Parasitology 118, 487 (2008). With J. X. Kelly, M. J. Smilkstein, R. Dodean, D. Hinrichs, and Michael K. Riscoe.

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126.: "Synthesis of pentafluorosulfanyl (SF<sub>5</sub>)-pyrazole and 1.2.3-triazole and their derivatives as energetic

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