

ENRIQUE D. LONGTON (RICK)
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LEGAL EXPERIENCE

LONGTON IP LAW PLLC, WASHINGTON, D.C.

- Managing Member and President (present).

COVINGTON & BURLING LLP, WASHINGTON, D.C.

Special Counsel, April 2013 to August 2021

Associate, April 2011 to April 2013

- Patent Advisory and Patent Litigation Practice Groups.
- Patent prosecution and IP portfolio management.
- Freedom-to-Operate and Validity assessments.
- Participate in IP administrative proceedings, including Inter Partes Reviews and Inter Partes Reexamination before the USPTO. Participate in Opposition Proceedings before the European Patent Office.
- Provide IP diligence analyses to support initial public offerings, acquisitions, and mergers.
- Participate in Hatch-Waxman litigations in the U.S. District Courts.
- Participate in patent infringement litigations in Europe.

MILBANK, TWEED, HADLEY & MCCLOY LLP, WASHINGTON, D.C.

Associate, January 2004 to March 2011

- Represent clients in Hatch-Waxman pharmaceutical as well as agrochemical and biotechnological patent litigation in U.S. District Courts.
- Identify, interview, retain and work with experts.
- Plan and supervise sample analysis and testing by technical experts.
- Prepare fact and expert witnesses for depositions.
- Take and defend depositions; conduct on-site plant inspections.
- Manage international counsel in patent prosecution and trademark annulment proceedings.
- Strategic patent prosecution, reexamination and counseling with a focus on chemical, pharmaceutical and biotech applications and patents.

MORGAN, LEWIS & BOCKIUS LLP, WASHINGTON, D.C.

Associate, August 2002 to December 2003

Summer Associate, summer 2001

Patent Agent, August 2000 to August 2002

- Prosecution of biotechnology patent applications.
- Patent validity opinions and freedom-to-operate studies.
- Patent portfolio management and analysis.
- Patent application drafting in biotechnology areas including transgenic plants, G-protein coupled receptors, fusion proteins, gene therapy, RNA purification and hypertension.

AWARDS AND HONORS

- Winner of the Thomson Reuters Foundation 2018 TrustLaw Lawyer of the Year Award.
- Drafted and prosecuted US Patent 9,854,729 titled “Seed Planter Using Air Propulsion” for pro bono client Brooklyn Bridge to Cambodia. The patent was a winner of the 2018 USPTO Patents for Humanity Award.
- Named Pro Bono Attorney of the Month for May 2012 by Kids in Need of Defense (KIND) for work in obtaining Legal Permanent Resident Status for two young siblings from El Salvador.

BAR MEMBERSHIPS

- District of Columbia (2004)
- Maryland (2002)
- United States Patent & Trademark Office (Registration No. 47,304)

EDUCATION AND PROFESSIONAL EXPERIENCE

GEORGE MASON UNIVERSITY SCHOOL OF LAW, ARLINGTON, VA J.D.

August 1998 to May 2002

- Intellectual Property Law Track.

UNITED STATES PATENT & TRADEMARK OFFICE, WASHINGTON, D.C. PATENT EXAMINER

July 1996 to July 2000

- Examination of biotechnology patent applications directed to recombinant enzymes, proteins, nucleic acids and methods of making and using the same.

SMITHKLINE BEECHAM PHARMACEUTICALS, KING OF PRUSSIA, PA POST-DOCTORAL FELLOW

Summer 1993 to July 1996

- Investigation of receptor/ligand interactions in human endothelin receptors by site-directed mutagenesis and ligand binding assays.
- Definition of peptide agonist and non-peptide antagonist binding sites.
- Structure/activity studies using systematically modified small molecule antagonists.

PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PA

PH.D. (CHEMISTRY)

August 1987 to December 1993

- National Institutes of Health Biomedical Research Grant, 1991-1992.
- National Hispanic Scholarship Fund Scholar, 1991-1992.
- Site-specific mutagenesis of glutamine synthetase.
- Enzymological characterization of mutant and wild-type glutamine synthetase by enzyme kinetics and activity assays.
- Sub-cloning and sequencing of the gene encoding *Escherichia coli* glutamine synthetase adenylyltransferase.
- Investigation of covalent modification of glutamine synthetase by adenylyltransferase via radiolabeling experiments.

UNIVERSITY OF TOLEDO, TOLEDO, OH

B.S. (CHEMISTRY)

May 1987

- Graduated *cum laude*.
- National Hispanic Scholarship Fund Scholar, 1985-1986.
- Undergraduate research in synthetic organic chemistry.

PRESENTATIONS, PUBLICATIONS & ABSTRACTS

Kleyn, M., **Longton, E.** (July 2021) Patent Waiver in the Time of Covid-19. In *les Nouvelles* Article of the month online publication.

Longton, R., Kleyn, M. (June 2021) In a time of Covid-19: To waive or not? In *South African Institute for Intellectual Property IP Briefs*. Vol. 2, Issue 8, pages 18-21.

Longton, R., Hastings, A., Rutigliano, N. (2020) COVID-19 crisis — To Assert or Not? Patent infringement liability considerations for manufacturers contracted under the Defense Production Act. In *South African Institute for Intellectual Property IP Briefs*. Vol. 1, Issue 7, pages 20-22.

Longton, R., Discher, G., Utku, S. Artificial Intelligence and Patents, Recent Trends and Strategies for Protecting AI-Related Inventions. Webinar presented October 24, 2019.

Longton, R. U.S. Federal Circuit Court Decisions Related to Polymorphism, June 11, 2008. Tenth International Workshop on the Physical Characterization of Pharmaceutical Solids, June 8-14, 2008, Bamberg, Germany.

Lee, J.A., **Longton, E.D.**, Elliott, J.D. and Peishoff, C.E. (1995) Endothelin Receptor Ligand Interactions: Evidence for the Overlap of Peptide Agonist and Non-Peptide Antagonist Binding Sites. In *7 TM Receptors-Structure and Function in Drug Research* (Schwartz, T.W. *et al.* Eds.) Munksgaard International Publishers, Copenhagen.

Longton, E.D., Brinkman, J.A., Friesen, W.J., Peishoff, C.E., Elliott, J.D. and Lee, J.A. Identification of Transmembrane Domain Residues Contributing to a Putative Ligand Binding Pocket in the Endothelin Type A Receptor. *Structure and Function of Regulatory Proteins*, National Institutes of Health, Bethesda, Maryland. April, 1995.

Longton, E.D., Brinkman, J.A., Friesen, W.J., Pulvino, T.A., Peishoff, C.E., Elliott, J.D. and Lee, J.A. Identification of Residues in Multiple Transmembrane Domains of the Endothelin Receptor Implicated in Ligand Binding: Evidence for the Overlap of Peptide and Non-Peptide Ligand Binding Sites. American Society for Biochemistry and Molecular Biology, San Francisco, California. May 1995.

Lee, J.A., Brinkman, J.A., **Longton, E.D.**, Peishoff, C.E., Lago, M.A., Leber, J.D., Cousins, R.D., Gao, A., Stadel, J.M., Kumar, C.S., Ohlstein, E.H., Gleason, J.G., and Elliott, J.D. Lysine 182 of Endothelin B Receptor Modulates Agonist Selectivity and Antagonist Affinity: Evidence for the Overlap of Peptide and Non-Peptide Ligand Binding Sites. The Protein Society, San Diego, California. July 1994.

Lee, J.A., Brinkmann, J.A., **Longton, E.D.**, Peishoff, C.E., Lago, M.A., Leber, J.D., Cousins, R.D., Gao, A., Stadel, J.M., Kumar, C.S., Ohlstein, E.H., Gleason, J.G. and Elliott, J.D. (1994) Lysine 182 of Endothelin B Receptor Modulates Agonist Selectivity and Antagonist Affinity: Evidence for the Overlap of Peptide and Non-Peptide Ligand Binding Sites. *Biochemistry* 33, 14543-9.

Longton, E.D., Cader, B.M., Hemmingsen, J., and Villafranca, J.J. (1992) Regulation of Glutamine Synthetase by Covalent Modification: Mutagenic Studies of the Site of Adenylylation. In *Biosynthesis and Molecular Regulation of Amino Acids in Plants* (Singh, B.K. *et al.* Eds.) American Society of Plant Physiologists, Rockville.

Longton, E.D., Bagrodia, S., Lutz, E.C., Pinkerton, A.A. and Fry, J.L. (1987) Chemical Behavior of (+)-(1R,3S)-1,2,2-Trimethyl-1,3-bis(hydroxymethyl)cyclopentane upon Attempted Halogenation, Formation of (+)-(1S,3S)-1-Bromo-3-(bromomethyl)-1,2,2-trimethylcyclohexane *J. Org. Chem.* 52, 933-5.

LANGUAGE SKILLS

- Fluent in Spanish.