

Joan Ellis, Ph.D.
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Ellis IP Consulting Inc, Bethesda, MD – 2019-present
Consultant

Client counseling, expert witness in district court litigations, American Arbitration Association panelist

Dickinson Wright, PLLC, Washington, DC - 2011-2018

Member

Patent portfolio management and client counseling. Expert witness for district court litigation concerning obviousness. Litigation support on matters before the U.S. District Courts in the Western District of TX and the District of DE. Represent a veteran *pro bono* before the Board of Veteran's Appeals.

Perkins Coie LLP, Washington, DC - 2009-2011

Of Counsel

Patent prosecution with an emphasis in biotechnology, and the pharmaceutical and life science industries. Prepared motions for interference proceedings before the USPTO Board of Appeals and Interferences. Litigation support on matters before the International Trade Commission and the U.S. District Court for the Western District of TX. Preparation of experts and their reports for district court litigations. Expert witness in litigations involving patent office procedure and obviousness.

Proskauer Rose LLP, Washington, DC - 2009

Senior Counsel

Patent group merged with Perkins Coie LLP in July 2009
Patent prosecution and litigation support. American Arbitration Association panelist. *Pro bono* representation of a client for political asylum before the Department of Homeland Security.

Venable LLP, Washington, DC - 2006-2009

Partner

Patent prosecution and client counseling with an emphasis in biotechnology, and the pharmaceutical and life science industries. Conducted patent interferences and authored briefs for *ex parte* appeals before the USPTO Board of Appeals and Interferences. Litigation support on matters before the Court of Appeals for the Federal Circuit, the International Trade Commission and U.S. District Court, District of NV. Expert witness in litigations involving inventorship and reduction to practice. Managed, trained and mentored associates. Represented veterans *pro bono* before the United States Court of Appeals for Veterans Claims and the Board of Veteran's Appeals.

United States Patent and Trademark Office, 1987-2006

Administrative Patent Judge, Board of Patent Appeals and Interferences (1995-2006). Rendered decisions in both *inter partes* and *ex parte* appeals involving biotechnology. Served as a member of the Trial Section. Authored over 200 *ex parte* decisions and 50 *inter partes* decisions. Member of the selection committee for judges for the Trademark

Trial and Appeal Board. Mentored law students from the University of Maryland School of Law. Served as a judge for the annual Giles S. Rich Moot Court competitions.

Patent Examiner (1987-94).

Evaluated patent applications in biotechnology and trained junior examiners. Detail assignments to the Office of Petitions and the Board of Appeals and Interferences. AIPLA Examiner of the Year Award 1994.

Research Positions

The Rockefeller University, Laboratory of Molecular Parasitology 1985-1987

Faculty member, Research Topic: Structure and expression of the knob-associated, histidine-rich protein of *Plasmodium falciparum*.

Developed, managed and implemented the complete study of a human malaria gene. Designed experiments, supervised and trained laboratory personnel and coordinated a collaboration with scientists at the National Institutes of Health.

New York University, Molecular Parasitology and Biochemistry Departments

Post Doctoral Fellow 1983-1985

Research Topic: Isolation and characterization for the circumsporozoite gene of *Plasmodium falciparum*.

Experimental design and cloning of a human malaria gene. Member of a scientific team to produce a malaria vaccine. Wrote grant applications and obtained research funding; authored annual progress reports and scientific publications. Prepared and delivered lectures to the NYU medical students.

Graduate student and teaching fellow 1979-1983

Ph.D. Thesis: Cloning and expression of the circumsporozoite gene of *Plasmodium knowlesi*.

The Rockefeller University, Laboratory of Cellular Physiology and Immunology

Research Associate 1978-1979

Research Topic: Activation of macrophages to induce killing of *Trypanosoma cruzi*. Developed a system for the extraction and cultivation of mouse Kupffer cells.

Patents:

Patents for *Plasmodium* circumsporozoite surface antigens.

Education

J.D., The George Washington University, Washington, D.C.

Ph.D., Molecular Parasitology and Biochemistry, New York University Medical Center, New York, NY

B.A. Microbiology, *cum laude* Southern Illinois University, Carbondale, IL 22

Bars and Affiliations

District of Columbia Bar

Court of Appeals of Maryland

U.S. Court of Appeals for the Federal Circuit

U.S. Supreme Court

U.S. Patent and Trademark Office

American Intellectual Property Association (AIPLA)

Intellectual Property Owners Association (IPO), *Inter Partes* Proceedings Committee;

The Giles S. Rich American Inn of Court, Master

Former Adjunct Professor, UMBC, Legal and Bioethical Issues in the Science Professions

Institutional Review Board for Children's National Medical Center, Washington, DC

American Association of Patent Judges (AAPJ), Member

Scientific Publications

Nathan, C., Noguiera, N., Juangbhanich, C., Ellis, J. and Cohn, Z., "Activation of macrophages *in vivo* and *in vitro*. Correlation between hydrogen peroxide release and killing of *Trypanosoma cruzi*," **J. Exp. Med.**, vol. 149, pp. 1056-1068 (1979).

Noguiera, N., Ellis, J., Chaplan, S. and Cohn, Z., "*Trypanosoma cruzi*: *In vivo* and *in vitro* correlation between T-cell activation and susceptibility in inbred strains of mice," **Exp. Parasit.**, vol. 51, pp. 325-334 (1981).

Ellis, J., Ozaki, L.S., Gwadz, R.W., Cochrane, A.H., Nussenzweig, V., Nussenzweig, R.S. and Godson, G.N., "Cloning and expression in *E. coli* of the malarial sporozoite surface antigen gene from *Plasmodium knowlesi*," **Nature**, vol. 302, pp. 536-538 (1983).

Lupski, J.R., Ozaki, L.S., Ellis, J. and Godson, G.N., "Localization of a *Plasmodium* surface antigen epitope by Tn5 mutagenesis mapping of a recombinant cDNA clone," **Science**, vol. 220, pp. 1285-1288 (1983).

Godson, G.N., Ellis, J., Svec, P., Schlesinger, D.H. and Nussenzweig, V., "Identification and chemical synthesis of an epitope of the *Plasmodium knowlesi* circumsporozoite surface protein. Evidence for its tandemly repeated nature," **Nature**, vol. 305, pp. 29-33 (1983).

Enea, V., Ellis, J., Zavala, F., Arnot, D., Asavanich, A., Masuda, A., Quakyi, I. and Nussenzweig, R.S., "cDNA cloning of *P. falciparum* circumsporozoite gene: Amino acid sequence of repetitive epitope," **Science**, vol. 225: 628-630 (1984). Godson, G.N., Ellis, J., Lupski, J.R., Ozaki, L.S. and Svec, P., "Molecular Biology of *Plasmodi*

um knowlesi Sporozoites: Cloning and Expression of the Surface Antigen Gene," In: **Molecular Parasitology**, J.T. August (Ed.), New York: Academic Press, p. 127 (1984).

Godson, G.N., Ellis, J., Lupski, J.R., Ozaki, L.S. and Svec, P., "Structure and organization of genes for sporozoite surface antigens," **Phil. Trans. R. Soc. Lond. B**, vol. 307, pp. 129-139 (1984).

Ellis, J., Irving, D.O., Wellems, T.E., Howard, R.J., and Cross, G.A.M., "Structure and expression of the knob-associated histidine-rich protein gene of *Plasmodium falciparum*," **Mol. Bio. Parasit.**, vol. 26, pp. 203-214 (1987).

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