



## Kirsten Termine Ph.D.

Associate

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Dr. Kirsten Termine is a member of the Firm's New Orleans office and the Firm's Intellectual Property Group.

Dr. Termine focuses her practice on patent preparation and prosecution in the life sciences and biotechnology industries, with experience spanning genetics, physiology, next-generation sequencing, immunology, cell and molecular biology, and agricultural technologies.

She also provides comprehensive intellectual property diligence services to help clients evaluate the strength, scope, and strategic value of IP assets in connection with various commercial transactions. This includes reviewing patent portfolios for patentability, enforceability, and freedom-to-operate, assessing claim scope and prosecution history, and identifying risks related to infringement and inventorship.

Before joining Baker Donelson, Dr. Termine earned her J.D. from Tulane University Law School after completing an undergraduate degree in biology at Loyola University New Orleans and a Ph.D. in genetics from Louisiana State University Health Sciences Center. Her doctoral research focused on the use of next-generation sequencing and bioinformatic methods to identify genetic mutations linked to hereditary prostate cancer. She has presented her work at numerous national and international conferences.

### Professional Honors & Activities

- Member – American Intellectual Property Law Association (2019 – present)
- Recipient – Tulane University Law School Merit Scholarship (2019 – 2022)
- Representative – Dean Rufus Harris Peer Fellow Program (2020 – 2021)
- Representative – Tulane Intellectual Property Society (2019 – 2021)
- Representative – Tulane Entertainment and Art Law Society (2019 – 2021)
- Recipient – Harry B. and Nellie May Bartlett Kelleher Fund Scholarship (2019 – 2020)
- Representative – Peer Advocate Liaison program, LSUHSC (2015 – 2019)
- Member – New Orleans Schools Science Partnership Program, Department of Genetics, LSUHSC (2013 – 2019)
- Representative – LSUHSC Graduate Studies Student Government Association (2014 – 2018)
- Member – AWIS Educational Outreach Committee, LSUHSC – New Orleans (2014 – 2017)
- Recipient – Second Place Poster Presentation Award, LSUHSC Graduate Research Day (2017)
- Recipient – David S. Bruce Outstanding Undergraduate Abstract Award, American Physiological Society (2013)
- Recipient – First Place Presenter Award, Loyola University Biological Sciences Undergraduate Research Symposium (2013)
- Recipient – American Physiological Society Undergraduate Summer Research Fellowship (2012)
- Recipient – Louisiana Board of Regents Supervised Undergraduate Research Experience Fellowship (2012)

### Representative Technologies

- **Protein and peptide platforms**, including antibodies, antibody engineering approaches, bispecific and multispecific constructs, and CAR based technologies
- **Immunotherapy modalities**, such as peptide vaccines and mRNA vaccine technologies

- **Cell based innovations**, including genetically engineered cell systems, stem cell technologies, cell derived antibody production, and advanced cell culture media
- **Gene therapy and RNA based therapeutic platforms**
- **Therapeutic methods**, including synergistic combination treatments for cancer, neurodegenerative diseases, infectious diseases, ocular conditions, and inflammatory disorders
- **Diagnostic and prognostic technologies**, including assay development
- **Agricultural- and botanical based technologies**
- **Drug screening methodologies**, including in vitro and in vivo model systems



## Publications

- "Regents of the University of Minnesota v. Gilead Sciences, Inc.: Addressing Laundry Lists in U.S. Patents," *New Orleans Bar Association Blog* (March 2023)
- "Neonatal mucopolidosis type II alpha/beta due to compound heterozygosity for a known and novel GNPTAB mutation, and a concomitant heterozygous change in SERPINF1 inherited from the mother," *Clinical Case Reports* (February 2017)



## Speaking Engagements

- "Discovery of CNVs in Hereditary Prostate Cancer Using NGS Data," Tulane University Hayward Genetics Center Grand Rounds, New Orleans, Louisiana (February 2018)
- "Identifying Germline Copy Number Variations in Hereditary Prostate Cancer Using Next-Generation Sequencing Approaches," Loyola University New Orleans Department of Biology Seminar Series, New Orleans, Louisiana (November 2017)
- "Identification of Germline CNVs Using WES Data in Men with Hereditary Prostate Cancer," International Consortium for Prostate Cancer Genetics Annual Meeting, Orlando, Florida (October 2017)
- "Characterization of Susceptibility Loci in Hereditary Prostate Cancer Families Using Copy Number Variation and Linkage Analysis," American Urological Association Annual Meeting, New Orleans, Louisiana (May 2015)



## Education

- Tulane University Law School, J.D., May 2022
- Louisiana State University Health Sciences Center, Ph.D., Genetics, 2018
- Loyola University New Orleans, B.S., Biology, May 2013



## Admissions

- Louisiana, 2022