



## Antoinette Bugyei-Twum

### Associate

T 613.369.4798

F 613.230.8842

Ottawa

[ABugyeiTwum@blg.com](mailto:ABugyeiTwum@blg.com)

[LinkedIn](#)

[Intellectual Property](#)

[Patents](#)

[Health Care & Life Sciences](#)

Antoinette is an associate and technical advisor in BLG's Intellectual Property Group, specializing in drafting and prosecuting patent applications in the life sciences.

Antoinette has a wide range of technical expertise in cardiovascular sciences and structural biology, including protein folding and design and antibody therapeutics.

Prior to joining BLG, Antoinette was a sessional lecturer at one of Canada's top universities, teaching the course "Current Topics in Biochemistry". Antoinette has published in several scientific journals and is a co-inventor of a clinical-stage therapeutic antibody.

## Insights & Events

- Author, "The patent box comes to Canada: Government announces consultation on adopting IP tax incentive program", BLG Article, February 2024
- Author, "Sex differences in long-term effects of exertional heat stroke on myocardial metabolism," Journal of Physiology, 2020
- Co-Author, "Sirtuin 1 activation attenuates cardiac fibrosis in a rodent pressure overload model by modifying Smad2/3 transactivation," Cardiovascular Research, 2018

## Beyond Our Walls

### Professional Involvement

- Member, Intellectual Property Institute of Canada

### Community Involvement

- Volunteer, BLG Reads to Kids

## Education

- PhD, University of Toronto, 2022
- MSc, University of Toronto, 2012
- BSc (Hons.), McMaster University, 2007

---

### BLG | Canada's Law Firm

As the largest, truly full-service Canadian law firm, Borden Ladner Gervais LLP (BLG) delivers practical legal advice for domestic and international clients across more practices and industries than any Canadian firm. With over 800 lawyers, intellectual property agents and other professionals, BLG serves the legal needs of businesses and institutions across Canada and beyond – from M&A and capital markets, to disputes, financing, and trademark & patent registration.

[blg.com](https://www.blg.com)

© 2026 Borden Ladner Gervais LLP. Borden Ladner Gervais LLP is an Ontario Limited Liability Partnership.