



## Antoinette Bugyei-Twum

### Associate

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[Intellectual Property](#)  
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Antoinette is a registered patent agent in our Intellectual Property Group. Her practice focuses on patent drafting and prosecution in the life sciences, with an emphasis on biotechnology and pharmaceutical innovations.

Antoinette is experienced in the areas of antibody therapeutics, cell-based therapies, proteomics, and diagnostics, providing clients with comprehensive support in the protection of new technologies in these areas.

Prior to joining BLG, Antoinette worked as a sessional lecturer at a Canadian university, teaching Current Topics in Biochemistry. She has published in various scientific journals and is also a co-inventor of a clinical stage antibody therapeutic.

## Insights & Events

- Panelist, "Black History Month & Women in IP", Intellectual Property Institute of Canada, February 2026
- 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 (IPIC)

### Community Involvement

- Volunteer, BLG Reads to Kids

## Education

- PhD (Biomedical Science), University of Toronto, 2022
- MSc (Biochemistry), University of Toronto, 2012
- BSc (Biochemistry), McMaster University, 2007

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