



Antoinette Bugyei-Twum

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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

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