

Post-doctoral position available

Synthesis of novel poly(benz)imidazoles polymers for extended applications

Job Description:

The Holdcroft group at Simon Fraser University (Vancouver, Canada) is looking for a talented, creative, and highly motivated full-time postdoctoral fellow in organic and polymer synthesis. The successful candidate will investigate the synthesis and characterization of novel oligomers and polymers poly(benz)imidazoles for various applications. In addition to research, the successful applicant will participate in weekly group meetings, assist with the maintenance of laboratory equipment, and help supervise undergraduate/graduate students.

About the group:

The Holdcroft group specializes in the elaboration of ion-conducting polymers and their investigation in electrochemical devices. Our strategy is to understand how molecular structure of polymeric materials impact their electrochemical properties. Our group is involved in numerous collaborations with academics, industrial partners, and governmental institutions worldwide. We offer a vibrant, international, and dynamic environment to help our members to flourish.

Learn more about the Holdcroft Lab at: <https://holdcroftlab.com>.

Required:

- PhD in Organic Chemistry, Polymer synthesis

Skills desired:

- Work independently and collaboratively
- Multi-step synthesis, heterocyclic chemistry, polymer chemistry
- Troubleshoot and optimize reaction sequences
- Fluent in English and having good communication skills

Application procedure:

Interested applicants should submit a CV, a cover letter explaining why they are interested in joining the Holdcroft group and the names of three references to recruitment@holdcroftlab.com

Starting date: Flexible, but no later than April 1, 2022