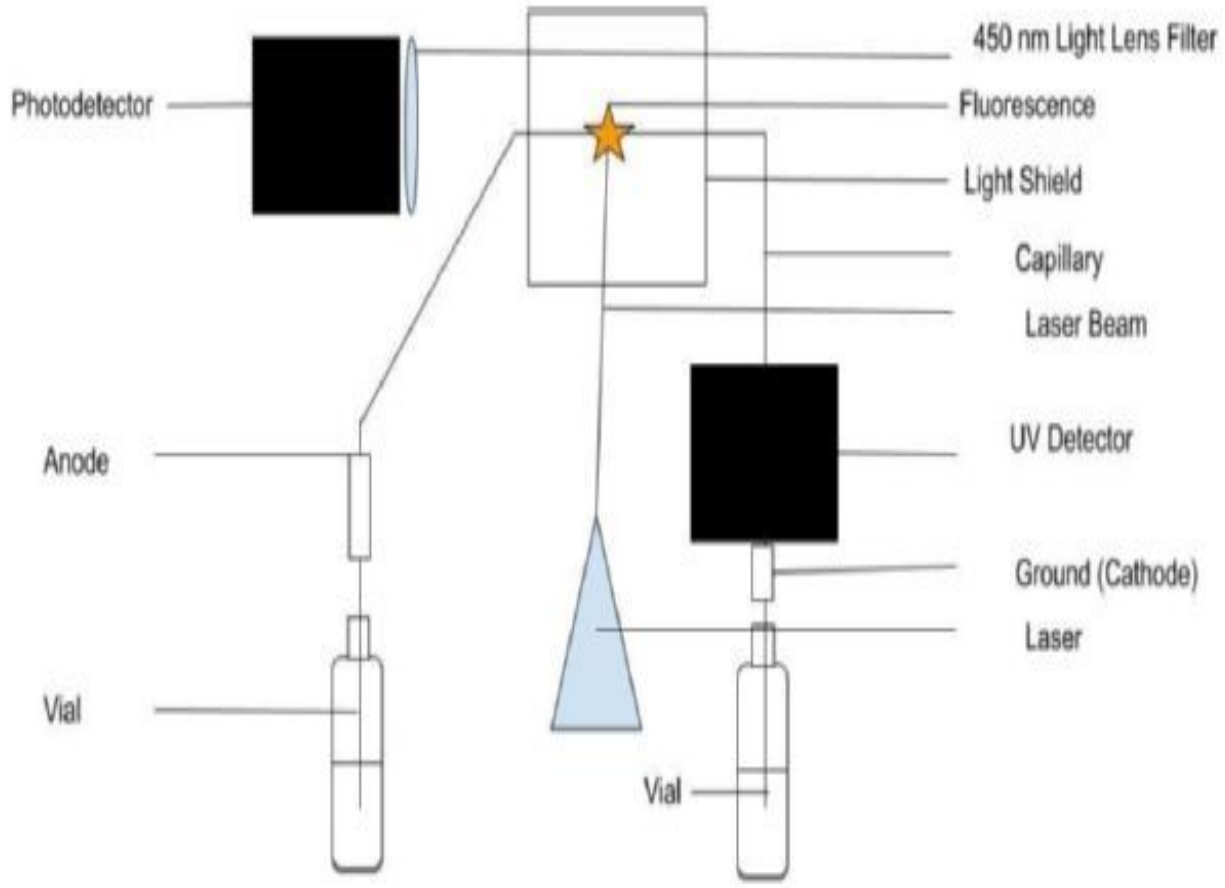
Package: CE-UV/LIF instrumentation

As featured in the recent open-access article on CE-UV/LIF analysis of organic fluorescent dyes for detection of nanoplastics in water quality testing, published on Research Open World, we are at the forefront of cutting-edge technology for environmental research and testing.



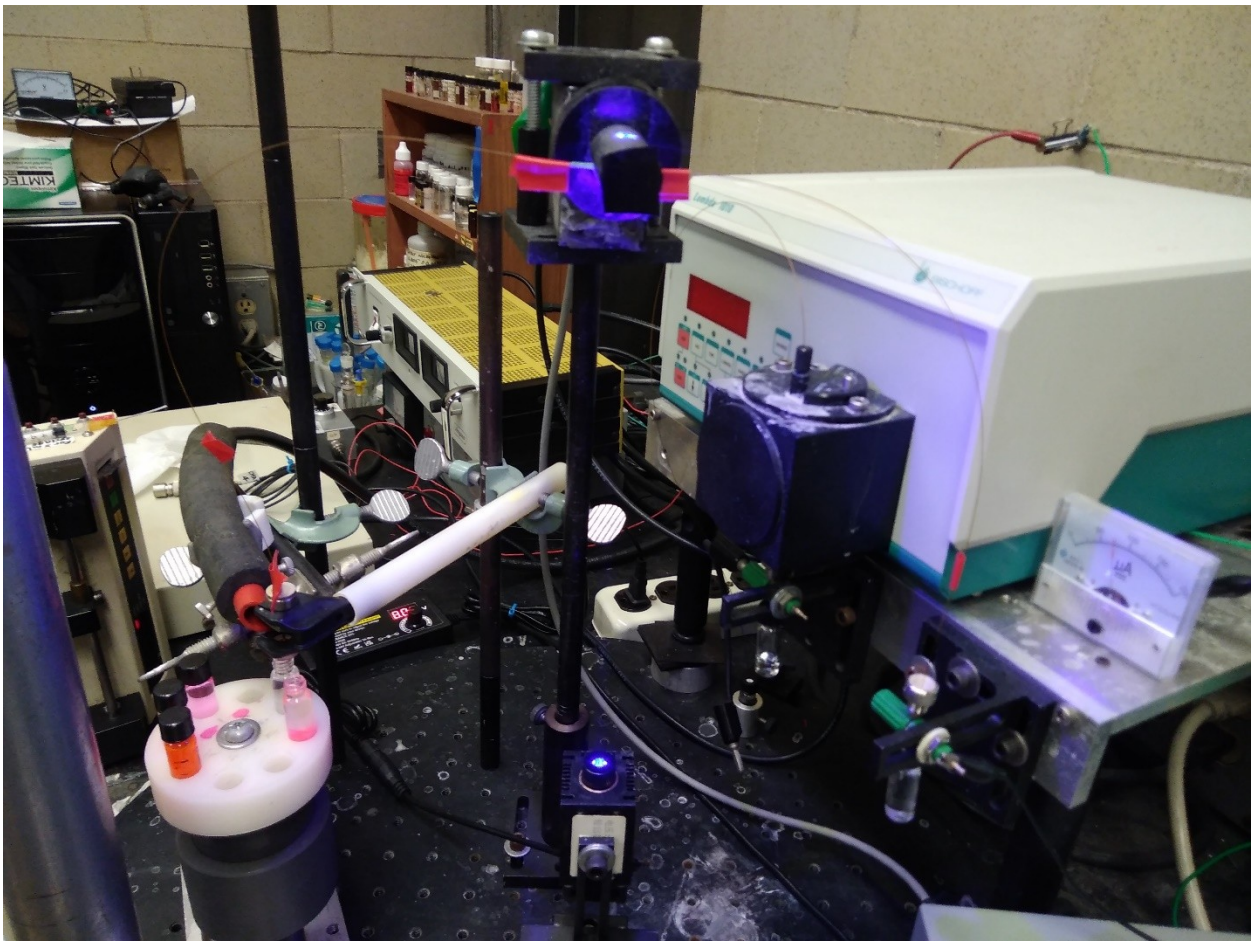


Figure: Capillary electrophoresis setup with UV light absorption and laser-induced fluorescence emission detectors. Light shields to stop the laser beam and block room light are not shown for clarity [1]

We specialize in developing advanced CE-LIF instrumental systems (Figure) for precise and time-efficient analysis of environmental water and food extract samples. With years of experience and a passion for innovation, we offer unparalleled expertise in:

- CE-UV/LIF analytical method development
- Water quality testing
- Adulterants detection in food samples.

If you are looking for implementing CE-UV/LIF method for lab research or testing purposes, we are here to assist. Our team can assist you in every step – from equipment acquisition to system setup and optimization. For inquiries, please contact Zafar Iqbal, our Chief Technology Officer (CTO), at zafar.iqbal@iqbalconsulting.ca or zafar.iqbal@hotmail.ca. We are devoted to enhancing your environmental testing abilities. At Iqbal Consulting Services, we are committed to delivering top-notch solutions that meet your expectations. Let us contribute to make a positive impact on nutritional health and green environment.

[1] Onomhante A, Ivanov D, Abdelsadek E, Vermaire J, Tsopmo A, et al. (2024) CE-UV/LIF Analysis of Organic Fluorescent Dyes for Detection of Nanoplastics in Water Quality Testing. *Nanotechnol Adv Mater Sci* Volume 7(2): 1–12. DOI: 10.31038/NAMS.2024724