

BIOPHOTONICS

BRINGING LIGHT TO THE LIFE SCIENCES®

WEBINARS

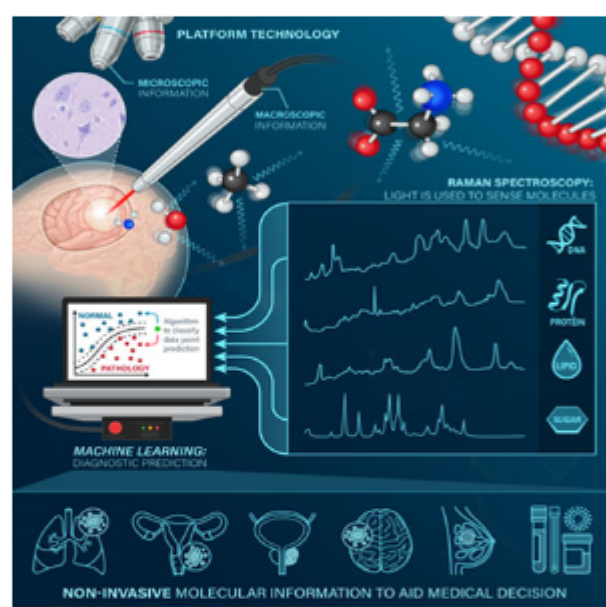
Join us for a **FREE Webinar**

What is the Role of Vibrational Spectroscopy in Surgery and Diagnostics?

Wednesday, March 13, 2024 1:00 PM - 2:00 PM EDT

[Register Now](#)

Vibrational spectroscopy techniques are used for a wide range of materials characterization applications that require detailed molecular fingerprinting and quantification of molecular species based on the detection of specific vibrational bonds. In this talk, Frederic Leblond describes how the integration of technologies that rely on spontaneous Raman spectroscopy signal detection can complement current medical practice for surgical guidance, in situ diagnostics, and disease detection in biofluids. He presents case studies in infectious disease detection, neurosurgical oncology, breast-conserving surgery, bronchoscopy, prostate cancer diagnostics, and orthopedic surgery. He also addresses aspects relating to clinical translation, commercialization challenges, and regulatory strategies. Finally, he presents a SWOT (strengths, weaknesses, opportunities, and threats) analysis as it is related to the clinical deployment of vibrational spectroscopy techniques.



Upcoming Webinars

- [Electromagnetic Manipulation: Revolutionizing Machine Vision](#), 3/5/2024 1:00:00 PM EST

Archived Webinars

- [Quantum Efficiency Measurements: Fundamentals for Solar Cell Research, Part 2](#)
- [From Theory to Practice: Coherent Beam Combining's Impact on Laser Technology](#)
- [Dual-Comb Ranging for Industrial Applications](#)

Don't miss out!

[Sign up for our Webinar Alerts email today and never miss an upcoming event.](#)

We respect your time and privacy. You are receiving this email because you are a Photonics Spectra magazine subscriber. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949

© 1996 - 2024 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.