

GOOD HEALTH



Dear patrons and readers,

In this edition of Fresh we bring you the new applications based on analytical sciences technologies which are used for the betterment of the human lives. A healthier future starts with the work we do today. PerkinElmer's leadership in the environmental health also gives the additional edge for the scientists, scholars and analysts world over to use and implement the methodology for the analysis of various impacting materials to human health.

At PerkinElmer, we design, manufacture and deliver advanced technology solutions that address the world's most critical health and safety concerns, including maternal and fetal health, clean water and air, and safe food and toys. Our expertise combines science; innovation and a culture of operational excellence to offer our customers technology services and support that improve the quality of people's lives worldwide.

Our work in environmental health improves the quality and sustainability of our environment, and the security of people in the places where we live, work and play. This includes providing the analytical instrumentation, and services that ensure clean air and water; safe food and consumer products; and efficient, renewable energy - the essential components of a healthier, safer today and tomorrow.

There is a humble request to you to click on this link to update your contacts information to reach out to you through mailers correctly and to subscribe the e-zine applications. We value your precious time for. Thanking you and happy reading.

Warm regards
Team Marketing
PerkinElmer (India) Pvt. Ltd.



Training calendar



Spotlight

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What is new in this....!

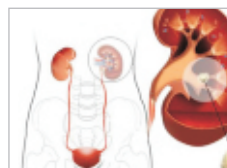
Quantitative Surface Enhanced Raman of Nicotine at PPB Concentrations

Nicotine is commonly used in smoking cessation therapies. These typically take the form of patches, chewing gum or lozenges. These products are effective drug delivery devices for a potent and potentially toxic API, so the ability to make a quantitative measurement of nicotine concentrations is important. **(More application...)**



Determination of Trace Metals in Human Urine using ICP-MS

Next generation inductively coupled plasma-mass spectrometer (ICP-MS) for the determination of trace elements in human urine. The study will show how spectral interferences are overcome with the instrument's breakthrough Universal Cell Technology™, and how the unique interface and ion-filtering design is ideally-suited for the analysis of such difficult matrices. **(Read detail application here)**



Infrared Microscopy Provides More Accurate Kidney Stone Diagnosis

A recent study has demonstrated that the accuracy of kidney stone diagnosis can be substantially improved by switching from conventional optical microscopy and contrast staining to infrared (IR) micro spectroscopy. There are over a dozen different types of kidney stone, and diagnosing the type is important because the most effective treatment methods vary for each. Infrared spectroscopy and x-ray diffraction have been successfully used on isolated kidney stones because of their ability to yield highly accurate information regarding mineral composition. **(Read detail case study)**

EVENTS UPDATE: JANUARY 2011



PerkinElmer participated in scientific trade show for the first time in Colombo-Srilanka. The year 2011 is officially declared by United Nations as the International year of Chemistry. To commemorate with the worldwide celebrations on the achievements of Chemistry and contributions to the mankind PerkinElmer made the presence for the better to the scientific community in Srilanka.



PerkinElmer India Pvt. Ltd. participated in the international conference on **"Innovations in Food Processing Ingredients towards Healthy India"** as a sponsorer. This conference was organized by Association of Food scientists and Technologist India (AFSTI) Mumbai chapter and Institute of Chemical Technology, Mumbai.