

GYÖRGY VAS, Ph.D.

ANALYTICAL CHEMIST | intertek.com/pharmaceutical

PROFILE



OBJECTIVE / ABOUT

Analytical Chemist with more than 20 years of experience in research, development validation and laboratory management

TECHNICAL SKILLS

GC-MS and GC-MS/MS techniques; solvent-type and solventless sample preparation; analytical derivatization methods; hyphenated techniques; statistical evaluation of multi-component mixtures; designing and building user-defined chromatographic databases; sample prep

EXPERIENCE

Business Technical Scientific Liaison • Intertek Pharmaceutical Services • 2016 – Present

Provide regulatory and analytical support for different filing activities, recommending effective analytical strategy. Mitigate and resolve deficiency letter situations. Provide support and solutions for different pharmaceutical products and medical devices. Technical and compliance lead for cGMP qualification of high end complex laboratory instrumentation.

Manager Trace Organic Analytical Laboratory, Research Fellow • Intertek Pharmaceutical Services • 2013 – 2016

Managed a cGMP compliant laboratory to provide unique and compliant analytical testing solutions for trace organic testing including E&L and genotoxic impurities. Developed the strategy and vision to lead the company from inception through completion into new service offerings. Implemented new technologies and GMP qualified instruments to provide trace level (ppb, sub-ppb) testing services for multiple clients.

Principal Scientist, Analytical Research and Development • Johnson & Johnson • 2011 – 2013

Supported different Johnson & Johnson companies for product and process related investigations. Analytical team leader for supporting 510(k) and PMA filing of different medical devices. Lead chemist for testing consumer complaint and counterfeit drug products.

Staff Scientist, Convergent Product Development • Johnson & Johnson • 2006 – 2011

Implemented new analytical platforms into analytical workflow. Developed and validated many GC-MS, UPLC-MS, Maldi-ToF, and GC-MS/MS analytical methods and implemented several techniques. Executed ICH protocol.

Analytical Chemist, Discovery Analytical Science • Bristol Myers Squibb Company • 2005 – 2006

Developed quantitative assay methods for acylcarnitine, bile acids and fatty acids from different biological matrices by using LC-MS and LC-MS/MS.



PATENTS

Sample Plate Designs for MALDI and DESI for Molecular Imaging of Coated Medical Devices on the Applied Biosystems Qstar/Voyager MALDI Mass Spectrometer, US. Patent 8164055 granted on 24-April-2012

Inventors: Lori Alquier, Cynthia A. Maryanoff, Gail Reed, György Vas

Patent application filed for analytical sampling device for testing extractables and leachables for whole medical devices, using different extraction techniques (filing ID 62998 Mar-2011)

Patent application filed for sampling device to test odor component in different drug bottles (filing ID 66061 May-2011)

EDUCATION / PROFESSIONAL ACCREDITATIONS

Ph.D. (Summa Cum Laude) • 2004 • Eötvös Lóránd University • Budapest, Hungary

Thesis: Determination of wine components using different chromatography techniques combined with mass-spectrometry (GC-MS, LC-MS or LC-MS/MS and MALDI)

Master of Science, Chemistry • 1994 • Kossuth University • Debrecen, Hungary

Thesis: GC-MS applications in environmental analysis

Mass Spectrometry Studies • 1994 • University of Swansea • Wales, UK

In collaboration with Professor David E. Games

Journal Referee: Reviewer for 8 journals, including *Journal of Mass Spectrometry*, *Journal of Mass Spectrometry Reviews*, *Rapid Communications in Mass Spectrometry*, and *Analytical Chemistry*

American Society for Mass Spectrometry

Hungarian Society for Separation Sciences

Hungarian Chemists Association

Hungarian Society of Mass Spectrometry

AWARDS / SIGNIFICANT ACHIEVEMENTS

2007, 2008 J&J Encore Award (Silver)

2010, 2012 J&J Encore Award (Gold, Platinum)

2010 Recipient of J&J CAS Outstanding Analytical Scientist Award

2012 Recipient of Philip B. Hoffman Award (most precious scientific award in Johnson & Johnson), J&J Encore Award (Gold)

2013 J&J Encore Award (Platinum)

Short course instructor at Pittcon (2013 – 2016)

Workshop lead for cGMP instrument qualification at ASMS

PUBLICATIONS

More than forty poster and oral presentations presented at international scientific meetings.

