

For Immediate Release:



***“A promising \$4 Billion market in 2016”
announces Yole Développement***

Emerging Markets for Microfluidic Applications Report from Yole Développement

Lyon, France – Dec. 19, 2011 – Yole Développement announces its report “Emerging Markets For Microfluidic Applications”.

Microfluidics has entered the Life Sciences market as a key technology to provide solution adapted to the market requirements.

“The microfluidic device market is promising and should reach \$4 Billion in 2016. Yole Développement follows innovations and key players in this market for several years. This is a fast evolving market, starting its structuration and consolidation phase. Combined analysis of the technologies, key players, markets and requirements is essential to understand this market dynamics”, says Frédéric Breussin, Yole Développement.

Emerging Markets for Microfluidic Applications (EMMA 2011) report provides a complete analysis of Microfluidic device markets and technologies. Based on an accurate analysis of what happened over the last three years, this report consolidates market data for 2008-2010 and provides forecasts for 2010-2016.

Market segmentation

It’s worth noting that there are several applications for Microfluidics technologies in Life science fields but the boundaries are often blurred. Based on a rigorous segmentation, Yole’s analysts have been able to gather all the information necessary to understand market needs for each application. EMMA 2011 report provides trends and key elements in term of technical and commercial aspects in order to success in your Microfluidic Business. It describes the following applications:

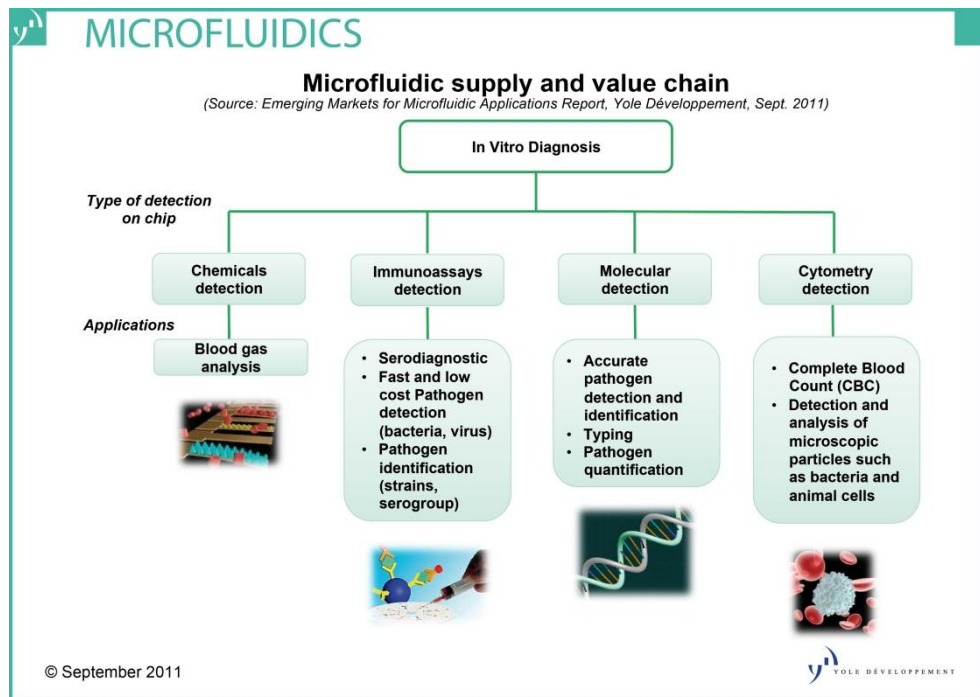
- General Dispensing
- Drug Delivery
- Accurate Dispensing
- Analytical Devices
- Clinical and veterinary diagnostics
- Point Of Care testing
- Industrial & environmental testing
- Pharmaceutical and life science
- Microreaction technology

Each of them is developed with market data, trends and drivers, keys players and technologies used.

Microfluidic supply and value chain

The microfluidic market enters a phase where many products move from prototyping to production. Many new players entered the supply chain recently, bringing in their expertise in the

mass production of electronic devices and modules. Will these players manage the challenge of reducing the production costs and make disposable microfluidic devices accessible for the medical market?



Yole Développement’s report describes the microfluidic supply chain, from R&D to commercialization and distribution. It shows for each type of material the main players and their role in the supply chain.

The analysis of the value chain provides an understanding of costs related to the different manufacturing steps (included packaging and quality control) in relation to the cost of the final product which includes reagent, commercialization and distribution costs.

About Emerging Markets for Microfluidic Applications Report:

• **Author:**

Frédéric Breussin is expert in Microfluidics for diagnostics and life sciences. He has supported many companies in their innovation and product development strategy in making the bridge between micro systems technologies and their applications in Life Sciences, diagnostics, and medical devices industries. He holds an Engineering diploma from INSA Rouen and a DEA in fluid mechanics from University of Rouen.

Benjamin Roussel is a Market Analyst in Microfluidic and Medical Technologies fields. He holds a pharmacy diploma from the University of Claude Bernard, complemented by a master degree in Technology and Innovation Management from EMLyon Business School.

• **Catalogue price:**

Euros 3,990.00 (single user license) - Publication date: Nov. 2011.

For special offers and the price in dollars, please contact David Jourdan (jourdan@yole.fr or +33 472 83 01 90).

• **Companies cited in the report:**

AB SCIEX, Abaxis, Abbott, Advion Biosciences, AES Laboratoire , Agilent Technologies, Bartels

mikrotechnik, BD, Bertin Technologies, Biodiot, BioFluidix, bioMérieux, Biosite, Boehringer Ingelheim, Bürkert, Caliper Life Sciences, Celectricon, Cepheid, Cetoni , Cytoo, Dalsa, Danaher, Debiotech, Dolomite, Eksigent Technologies, Epocal, Fluidigm, Fluigent, GE Novasensor, Genewave, GeSim, Great Basin, Hamilton, Ikerlan, Illumina, IMM, Invitrogen, Johnson & Johnson, Konica Minolta Opto, LabCyte, Life Technologies, Merlin diagnostic, MicroCHIPS, Micronit, MicroParts, Nanostream, Ocusense, Pall Genesystem, PerkinElmer, Philips, PositiveID Corporation, Qiagen, Raindance Technologies, Roche Applied Science, Samsung, Scienion, Sensirion, Seyonic, Shimadzu Biotech, Shrink Nanotechnologies, Siemens Medical Solutions, Sony DADC, Sophion, Stmicroelectronics, Texas Instrument, Tokyo Electron, Vantix Ltd, and many others...

About Yole Developpement – www.yole.fr

Beginning in 1998 with Yole Développement, we have grown to become a group of companies providing market research, technology analysis, strategy consulting, media in addition to finance services. With a solid focus on emerging applications using silicon and/or micro manufacturing Yole Développement group has expanded to include more than 40 associates worldwide covering MEMS, Microfluidics & Medical, Advanced Packaging, Compound Semiconductors, Power Electronics, LED, and Photovoltaic. The group supports companies, investors and R&D organizations worldwide to help them understand markets and follow technology trends to develop their business.

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- Market data, market research and marketing analysis
- Technology analysis
- Reverse engineering and reverse costing
- Strategy consulting
- Corporate Finance Advisory (M&A and fund raising)

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- Critical news, Bi-weekly: Micronews, the magazine
- In-depth analysis & Quarterly Technology Magazines: MEMS Trends– 3D Packaging – PV Manufacturing – iLED – Power Dev'
- Online disruptive technologies website: www.i-micronews.com
- Exclusive Webcasts
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 - Manufacturing cost simulation tools
 - Component reverse engineering & costing analysis
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