

Twelfth Microfluidics Consortium

Mission:

To grow the market for micro (and meso) fluidic enabled products and solutions.

Scope:

Point of Care and Companion Diagnostics; High Throughput Screening; Cell based Assays; Environmental/Food Sensing; Genomics; Regenerative Medicine/Tissue on a Chip; DNA read-write; Therapeutics Synthesis and more!



Members:

Adhesives Research (EI), MicroCAPS (CH) ; Philips(NL); Sartorius (USA/D); IMT(CH); Dolomite(GB/USA); EVGroup(A);Micronit(NL); University of Cambridge (GB); Fluigent (F) ; Research Council of Canada (Can) ; IPGG (F);Danaher (USA); BD(CH / GB) ; HP (USA); Cryopak (USA); Lonza (CH); Fluidic Analytics (UK); Susos (CH) ;WebIndustries (USA) ; Zeon (Japan); z-microsystems (A).

Approach:

The work of the consortium is set by its members who meet either physically or virtually at approximately 2 month intervals in the USA and at the same frequency in Europe at member sites to:

- Hear from invited experts/market influencers
- Learn about 'grand challenges' for the industry
- Propose ways in which these can be addressed on a shared basis
- Chase progress on previously initiated projects
- Network .. and do deals



The work of the consortium is confidential. However:

- There is no intellectual property agreement involved in joining
- The consortium has a public face through its website www.microfluidicsinfo.com
- The consortium maintains a database of industry players at www.microfluidicsdirectory.com
- The consortium occasionally publishes White Papers

- The consortium organises annual “Open Days” in both Europe and USA as well as virtual events across the globe to present its thinking and products to invited outside guests
- The consortium has a network of contacts with like-minded groups around the world

Members join for a period of one year at a time (we are in our 12th cycle). For organisations with more than 120 staff a corporate subscription costs (= \$15k) and allows up to 3 members of staff to participate in any consortium activity. Special deals for <120 \$10k and <30 \$5k staff organisations and also for research institutes.



MF12 is managed by [Centre for Business Innovation](#) in Cambridge (UK) whose sole business activity is running consortia. It does not hold IP, sell products or offer consultancy services.

(extract) MF Consortium has visited:

- Carolina (Becton Dickinson)
- Singapore (A-Star)
- Zurich (IBM Research / ETH))
- Cambridge (Uni Cambridge)
- San Diego (Illumina)
- Eindhoven (Philips)
- NewBrunswick/Beerse(Johnson&Johnson)
- Boston (MIT / Northeastern)
- San Francisco (Stanford, Berkeley, UCSB)

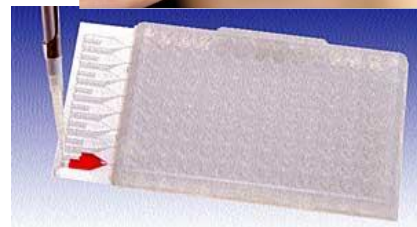
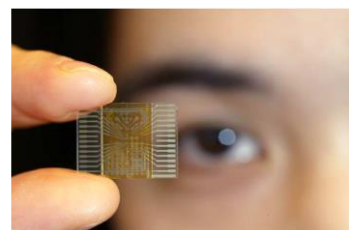
(extract) MF Consortium invited speakers from:

- NICE
- Chinese Academy of Sciences
- Roche Diagnostics
- University of Nagoya
- FDA
- Danaher
- Medical Research Council
- Medicare
- European Commission and Patent Office

.. and organised study tours to Japan, Singapore and China

Examples from Work Programme:

- Tissue on a Chip
- The role of droplets in High Throughput Screening
- Intellectual Property
- Manufacture of precision particles at scale
- Industry Yellow Pages
- Interconnects Standards in Microfluidics
- Design for Manufacturing



- Personalized Medicine

“Many thanks for all your efforts in planning and succeeding in organizing a really exciting program “ Christian Holtze BASF SE

For further information:

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