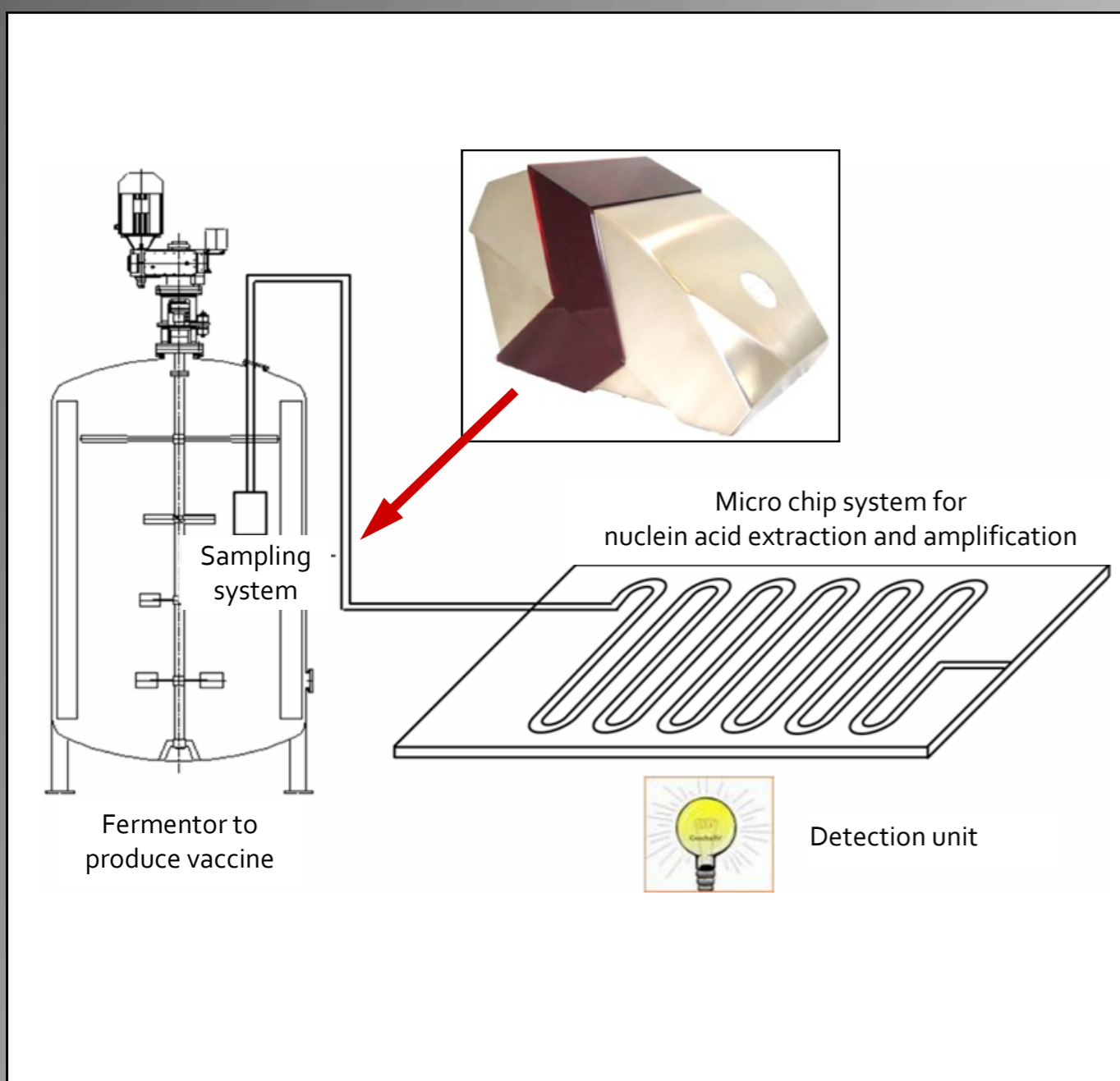


PCR

bioPROBE™ & Minamed

This network project aims to develop an automated analysis system on the basis of integrated chip modules for the DNA extraction and amplification in the continuous flow, combined with a sampling from the fermentation process, a DNA/RNA extraction module and a detection unit coupled with the amplification chip. One of the first application fields will be the on-line quality control during the vaccine development and production.



bbi-biotech is participating in the joined research project **MINAMED** funded by German Ministry of Research and initiated by **Analytik Jena AG**.

MINAMED is the abbreviation for:
Microfluidic system for the integrated **N**uclein acid **A**alytics for real time control of development of drugs
 ("MEDikament" in German).

bbi-biotech develops specific sampling systems for low volume samples that can be used in real time for cell disruption and nuclein acid extraction in the subsequent systems.

Project period: 01.09.2007 until 31.01.2011

Total project costs: ca. 3.9 Mio Euro

Project partner:

- Analytik Jena AG, Jena
- HSG e.V., Villingen-Schwenningen
- IPHT e.V., Jena
- HNP Mikrosysteme GmbH, Parchim



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