Two **Postdoc** positions in Microfluidic Devices with Integrated Optical Detection Elements for Diagnostics

Two positions at the **postdoctoral** level are available at MIC - Dept. of Micro and Nanotechnology at the Technical University of Denmark. Both positions are funded by European projects with collaboration partners at various universities and companies throughout Europe and are available for two years (with possible extension for up to one extra year).

Both projects are dealing with mainly polymer-based microfluidic systems for diagnosis application, either for early diagnosis of neurodegenerative diseases or for rapid diagnosis for HIV. MIC’s role lies within design, fabrication and test of the microstructures with emphasis on the integration of passive microoptical components (waveguides, lenses etc.), and also the integration of other functional elements developed by the partners. Candidates should have a master’s degree (or a similar degree) in engineering, physics or chemistry and academic qualifications equivalent to the PhD level. Prior knowledge in microfluidics or microoptics, and microfabrication is highly desirable.

All materials that should be given consideration in the assessment must be enclosed with the application.

The salary and appointment terms are negotiated in accordance with the current collective agreement for Danish University faculty members.

Further information may be obtained from Prof. Jörg P. Kutter, tel.: +45 45 25 63 12 or email: jku@mic.dtu.dk

All interested candidates irrespective of age, gender, race, religion or ethnic background are encouraged to apply.

The application with enclosures must be received no later than **Dec 8, 2006 at 12.00 noon** preferably by email (jku@mic.dtu.dk) or by ground mail addressed to

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