

**PhD Scholarship in Molecular Bladder Cancer Research
at the Dept. of Molecular Medicine, AUH, Skejby.**

A three year PhD Scholarship, starting July, 1st, 2011, is open within the area of bladder cancer research, cancer cell biology, cell/vesicle signaling, and miRNA/mRNA profiling.

The project focuses on small bladder cancer-secreted vesicles, termed exosomes, and their paracrine cell signaling role in tumor growth and metastatic spread. The project will have a special focus on understanding the role of exosomal miRNA and mRNA content. The project is conducted in collaboration with domestic and foreign research groups.

The project will cover setting up novel techniques, such as monitoring vesicular uptake in cell culture and affinity purification of vesicle protein markers. The project furthermore gaps fundamental molecular processes of exosome biology within the clinic in the search for exosomal-derived biomarkers in the body fluids, such as the blood stream and urine from bladder cancer patients.

Applicants with cell culturing experience will be preferred.

The PhD scholarship is financed by an external grant.

Application deadline: April 28th, 2011

For further information please contact:

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