



## **Ultra-high resolution and ultra-sensitive fluorescence methods for objective sub-cellular diagnosis of early disease and disease progression in breast and prostate cancer.**

Open workshop at the **Albanova University Center**, lecture hall FD5, Royal Institute of Technology (KTH), on **December 2<sup>nd</sup>, 9:00-13:00**.

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| 09:00-09:10 | <i>Introduction and overview of the aims of the FLUODIAMON project.</i> (J. Widengren, KTH Stockholm)   |
| 09:10-10:00 | <i>Breast and prostate cancer – a clinical orientation.</i> (L. Löfgren, KI Stockholm; H. Jorulf, Uppsala Univ.)  |
| 10:00-10:20 | <i>Diagnostic sampling by Fine-Needle-Aspiration – needle development and anti-seeding procedures.</i> (G. Auer, KI; H. Wiksell, NeoDynamics AB)              |
| 10:20-10:50 | <i>The Human Protein Atlas project.</i> (S. Hober, KTH)   |
| 10:50-11:05 | <i>Affinity molecules for subcellular diagnostics.</i> (P.Å. Nygren; A. Karlström-Eriksson, KTH; S. van der Maarel, Leiden Univ. Medical Center, Netherlands) |
| 11:05-11:20 | Coffee break  |
| 11:20-11:50 | <i>Stimulated Emission Depletion (STED) imaging.</i> (S.W. Hell, Max Plank Inst., Göttingen, Germany)   |
| 11:50-12:10 | <i>Multiparameter Fluorescence Detection imaging (MFDi).</i> (C.A.M. Seidel, Heinrich Heine Univ. Düsseldorf, Germany)  |
| 12:10-12:30 | <i>Image analysis.</i> (V. Rantanen, Univ. of Helsinki)   |
| 12:30-12:55 | <i>First images on cultured cells and FNA samples within the FLUODIAMON project.</i>  |
| 12:55-13:00 | Concluding remarks.   |

This workshop is organized by the FLUODIAMON project and supported by funds from the European Union 7<sup>th</sup> Framework Programme.

No registration is required. <http://www.biomolphysics.kth.se/fluodiamon>