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## Biomedical Image Analysis – Perspectives to method development – Online networking event/webinar

In this webinar, organized by KUBIAC, we hear perspectives to biomedical image analysis method development – from companies, research organizations and the universities. Target applications include preclinical ocular research, diagnostic decision support systems, and quantitative biology. We have an outstanding line-up of speakers illuminating key challenges from various viewpoints. We are living truly intriguing times for biomedical image analysis, which, powered by recent advances in AI has become a central tool in several application areas also outside the academia. Welcome!

Registration: <https://blogs.uef.fi/kubiacc/events/>

2<sup>nd</sup> December 2020 14.00 – 16.00

### Program

- 14.00 – 14.05 Dr. Jussi Tohka, KUBIAC Image Analysis Center, UEF, “Short overview of KUBIAC”
- 14.05 – 14.30 Dr. Giedrius Kalesnykas, CEO, Experimentica, “AI-powered systems in preclinical ocular research”
- 14.30 – 14.55 Dr. Sylvain Tollis, Institute of Biomedicine, UEF “How cellular environment affects the cell cycle commitment: elementary lessons from quantitative analysis of bio-imaging data”
- 14.55 – 15.20 Dr. Jyrki Lötjönen, CSO, Combinostics Ltd. “Combinostics – Toward more objective diagnostics in memory diseases”
- 15.25 – 15.50 Dr. Harri Pölönen, VTT Technical Research Centre of Finland Ltd., “ Generation of Realistic Synthetic MRI Brain Data with Deep Learning”
- 15.50 – 16.00 Discussion



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