



Ivan Belyaev

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Curriculum vitae

Main Research Areas

- Image processing and analysis
- Multivariate data analysis
- Biostatistics

Professional Career

since 2015	PhD student in Bioinformatics at the Friedrich Schiller University, Jena
2009-2015	Lecturer at the Altai State University, Barnaul (RUS)
2008-2009	Stager in Macromolecular Crystallography Group at the European Synchrotron Radiation Facility (ESRF), Grenoble (FRA)
2007-2008	Lecturer at the Altai State University, Barnaul (RUS)
2006-2009	PhD student in Applied Physics at the Altai State University, Barnaul (RUS)
2004-2006	M.Sc. in Physics at the Altai State University, Barnaul (RUS)

Publications

Belyaev I, Praetorius JP, Medyukhina A, Figge MT (2021) Enhanced segmentation of label-free cells for automated migration and interaction tracking. *Cytometry A* ,

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Shopova IA, Belyaev I, Dasari P, Jahreis S, Stroe MC, Cseresnyés Z, Zimmermann AK, Medyukhina A, Svensson CM, Krüger T, Szeifert V, Nietzsche S, Conrad T, Blango MG, Kniemeyer O, von Lilienfeld-Toal M, Zipfel PF, Ligeti E, Figge MT, Brakhage AA (2020) Human neutrophils produce antifungal extracellular vesicles against *Aspergillus fumigatus*. *mBio* 11(2), e00596-20.

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Svensson CM, Medyukhina A, Belyaev I, Al-Zaben N, Figge MT (2018) Untangling cell tracks: Quantifying cell migration by time lapse image data analysis. *Cytometry A* 93(3), 357-370. (Review)

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[Publication list as PDF](#)