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Analytical Chemistry

Direct Detection of Antibody Concentration and Affinity in Human Serum using Microscale Thermophoresis

Svenja Lippok, Susanne A.I. Seidel, Stefan Duhr, Kerstin Uhland, Hans-Peter Holthoff, Dieter Jenne, and Dieter Braun

Anal. Chem., DOI: 10.1021/ac202923j, Publication Date (Web): March 7, 2012

Cell - Chemistry and Biology

Rational Design of Small Molecule Inhibitors Targeting the Rac GTPase-p67phox Signaling Axis in Inflammation

Emily E. Bosco, Sachin Kumar, Filippo Marchioni, Jacek Biesiada, Miroslaw Kordos, Kathleen Szczur, Jarek Meller, William Seibel, Ariel Mizrahi, Edgar Pick, Marie-Dominique Filippi and Yi Zheng

Chemistry & Biology, Volume 19, Issue 2, 228-242, 24 February 2012

Journal of Biological Chemistry

Mechanisms of unphosphorylated STAT3 transcription factor binding to DNA

Olga A. Timofeeva, Sergey Chasovskikh, Irina Lonskaya, Nadya I. Tarasova, Lyuba Khavrutskii, Sergey G. Tarasov, Xueping Zhang, Valeriy R. Korostyshevskiy, Amrita Cheema, Lihua Zhang, Sivanesan Dakshanamurthy, Milton L. Brown and Anatoly Dritschilo

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Journal of Molecular Biology

Engineering Aggregation Resistance in IgG by Two Independent Mechanisms: Lessons from Comparison of Pichia pastoris and Mammalian Cell Expression

Jonas V. Schaefer, Andreas Plückthun

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Designer peptide surfactants stabilize diverse functional membrane proteins

Sotirios Koutsopoulos, Liselotte Kaiser, Hanna Maria Eriksson and Shuguang Zhang

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Signaling by the Matrix Proteoglycan Decorin Controls Inflammation and Cancer Through PDCD4 and MicroRNA-21

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Structure and function analyses of the purified GPCR human vomeronasal type 1 receptor 1

Karolina Corin, Philipp Baaske, Sandra Geissler, Christoph J. Wienken, Stefan Duhr, Dieter Braun, Shuguang Zhang

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Designer Lipid-Like Peptides: A Class of Detergents for Studying Functional Olfactory Receptors Using Commercial Cell-Free Systems

Karolina Corin, Philipp Baaske, Deepali B. Ravel, Junyao Song, Emily Brown, Xiaoqiang Wang, Christoph J. Wienken, Moran Jerabek-Willemsen, Stefan Duhr, Yuan Luo, Dieter Braun, Shuguang Zhang

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A Robust and Rapid Method of Producing Soluble, Stable, and Functional G-Protein Coupled Receptors

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A comparative study of fragment screening methods on the p38 α kinase: new methods, new insights

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Targeting multi-functional proteins by virtual screening: structurally diverse cytohesin inhibitors with differential biological functions

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Philipp Baaske, Stefan Duhr and Dieter Braun

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Stefan Duhr and Dieter Braun

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Why molecules move along a temperature gradient

Stefan Duhr and Dieter Braun

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