

#	Article	Authors	Journal	Year
143	Investigating histidine-rich glycoprotein and T cell-specific adaptor as potential biomarkers and therapeutic targets	Tor Persson Skare	Digital Comprehensive Summaries of Uppsala Dissertations from the Faculty of Medicine 1774	2021
142	Two-Component Nanoparticle Vaccine Displaying Glycoylated Spike S1 Domain Induces Neutralizing Antibody Response against SARS-CoV-2 Variants	Linda van Oosten, Jori J.A. den Bieman, Cyrille Fougereux, Corinne Geertsma, Fred van den End, Wendy A C Evers, Adria H Westphal, Simon Lindhoud, Willy van den Berg, Daan C Swarts, Laurens Deuthof, Andreas Schreiber, Thy T L Le, Shesay Torres Morales, Sebenzile K Myeni, Marijeen Kikkart, Adam F Sander, Willem Adriaan de Jongh, Robert Dagli, Morten A Nielsen, Ali Salanti, Max Sogaard, Timo M P Kelzer, Dolf Weijers, Michiel H M Eppink, René H Wijffels, Monique M van Oers, Dirk E Martens, Gorben P Pijlman	mBio. 2021 Oct 26;12(5):e0181321	2021
141	Cryo-EM reveals the architecture of placental malaria VAR2CSA and provides molecular insight into chondroitin sulfate binding	Kaituo Wang, Robert Dagli, Thomas Lavstsen, Sandeep K Misra, Charlotte B. Spliid, Yong Wang, Tobias Gustavsson, Daniel R. Sandow, Elena Ethel Vidal-Cabro, Swati Choudhary, Mette Agerbak, Kirsten Lindorf-Larsen, Morten A. Nielsen, Thor G. Theander, Morten A. Nielsen, Ali Salanti & Adam F. Sander	Nature Communications volume 12, Article number: 2956 (2021)	2021
140	Comprehensive mutagenesis identifies the peptide repertoire of a p53 T-cell receptor mimic antibody that displays no toxicity in mice transgenic for human HLA-A*0201	Na Treneška, Amanda P. Anderson, Carol Bentley, Tasneem Hassanali, Sarah Wibilin, Shaun Maguire, Francesco Pezzella, Alison H. Barham, Demin Li, Cyrille Fougereux, Louise Goksyg, Manja Idon, Vladislav Soroka, Sebenzile K. Myeni, Robert Dagli, Christoph M. Jantzen, Max Sogaard, Kara-Lee Eves, Emma W. Horsted, Sayit Mahmut Erdoğan, Tobias Gustavsson, Jerzy Dorosz, Stine Clemmensen, Laurits Fredsgaard, Susan Thrane, Elena E. Vidal-Cabro, Paul Khalife, Thomas M. Hulen, Swati Choudhary, Michael Theisen, Susheel K. Singh, Asier Garcia-Senosian, Linda Van Oosten, Gobena Pilman, Bettina Hiezberger, Tarja Domeyer, Blanka W. Nalewajek, Anette Strøbæk, Magdalena Skrzypczak, Laura F. Andersson, Søren Buus, Anette Strøbæk, Susan Thrane, Jan Praegaard Christensen, Tim J. Dalebout, Kasper Jensen, Lena H. Hantusch, Benjamin Mordmüller, Henrik Ullum, Line S. Reinert, Willem Adriaan de Jongh, Marijeen Kikkart, Søren R. Paulsen, Thor G. Theander, Morten A. Nielsen, Ali Salanti & Adam F. Sander	PLoS ONE 16(4)	2021
139	Capid-like particles decorated with the SARS-CoV-2 receptor-binding domain elicit strong virus neutralization activity	Alexander Rau, Wolfgang S. Lieb, Oliver Seifert, Jonas Honer, Dennis Binustock, Fabian Richter, Nadine Aschmann, Montlola A. Olayoye and Roland E. Kontermann	Nature Communications 12, 324 (2021)	2021
138	The Solution to Improve Profitability in Pharmaceutical Development: How to Increase Pre-clinical Productivity and Success Rates in Clinical Trials	Alexander Rau, Wolfgang S. Lieb, Oliver Seifert, Jonas Honer, Dennis Binustock, Fabian Richter, Nadine Aschmann, Montlola A. Olayoye and Roland E. Kontermann	IBI Volume 3 Issue 3 (2020)	2020
137	Inhibition of Tumor Cell Growth and Cancer Stem Cell Expansion by a Bispecific Antibody Targeting EGFR and HER3	Ying Wang, Fei Xiao, Can Jin, Wucheng Wang, Xia Chen, Qin Lu, Kan Ding	Mol Cancer Ther 2020;19:1474-85	2020
136	The impact of structural modification of sulfated polysaccharides on bone morphogenetic protein 2 and inhibition of endothelial cell angiogenesis	Lidija S. Vrhovac, Sonja A. Selemetijev, Saša Vatić, Aleksandar Mitrović, Jelica R. Milošević, Aleksandar D. Lolić, Anđelo D. Beletić, Natalija D. Polović	Carbohydrate Research, Volume 496, October 2020, 108093	2020
135	Novel approach to the measurement of antihydrogel antibodies in human serum – application of the quartz crystal microbalance sensors	Xueming Li, QuanQuan Song, Yuxin Pei, Hai Dong, Teodor Aastrup, Zhichao Pei	Talanta, Volume 223, Part 2, 1 February 2021, 121588	2020
134	Direct attachment of suspension cells to PDA surface and its application in suspension-cell QCM biosensor	Weickert S, Wawrzyński M, John LH, Rüdiger SG, Drescher M	Sensors and Actuators B: Chemical, Volume 326, 1 January 2021, 128823	2020
133	The mechanism of Hsp90-induced oligomerization of Tau	Tanja Padutsch, Maksim Sendetski, Carina Hübe, Nathalie Peters, Klaus Pflizenmaier, John R. Bethea, Roland E. Kontermann and Roman Fischer	Science Advances, Mar 13 6(11)	2020
132	Superior Treg-Expanding Properties of a Novel Dual-Acting Cytokine Fusion Protein	Heike Schmitt, Julia Umschneider, Ulrike Billmeier, Michael Pätz, Patrizio Scarozza, Sophia Sonnwald, Stephen Reid, Imke Atraya, Timo Rath, Sebastian Zundler, Melanie Langhenrich, Jürgen Schüttler, Amel Hartmann, Thomas Winkler, Charlotte Admyre, Thomas Krittler, Christine Dieterich Johansson, Arnezou Freidrich, Sören R. Paulsen, Thor G. Theander, Morten A. Nielsen, Ali Salanti & Adam F. Sander	Front Pharmacol. 2019; 10: 1490.	2019
131	The TLR9 Agonist Cobitolimod Induces IL-10-Producing Wound Healing Macrophages and Regulatory T Cells in Ulcerative Colitis	Yuxin Pei, Hui Yu, Zhichao Pei, Matthias Theurer, Carolin Ammer et al.	Journal of Crohn's and Colitis, 1-17, 2019	2019
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129	Electro-Responsive Surface Composition and Kinetics of an Ionic Liquid in a Polar Oil	Fabian Richter, Oliver Seifert, Andreas Herrmann, Klaus Pflizenmaier, Roland E. Kontermann	Langmuir, 2019, 35, 48, 15692-15700	2019
128	Monovalent TNF receptor 1-selective antibody with improved affinity and neutralizing activity	Kevin Bode et al.	mAbs, 11 (1), 2019, p. 166-177	2019
127	Dectin-1 Binding to Annexins on Apoptotic Cells Induces Peripheral Immune Tolerance via NADPH Oxidase-2	Karin Jenmbacken, Fredrik Wågberg, Ulla Karlsson et al.	Cell Rep. Dec 24;29(13):4435-4446	2019
126	Phenotypic Screen with the Human Secretome Identifies FGF19 as Inducing Proliferation of iPSC-Derived Cardiac Progenitor Cells	Thaporn Liangsupree, Evgen Multia, Jani Metso, Matti Jauhainen, Patrik Forsén, Torgny Fornstedt, Katarina Oorni, Aleš Podgornik & Marja-Liisa Riekkola	International Journal of Molecular Sciences 06.12.19	2019
125	Rapid affinity chromatographic isolation method for LDL in human plasma by immobilized chondroitin-6-sulfate and anti-apoB-100 antibody monolithic disks in tandem	Yue Gu, Yee Hwa Wong, Chong Wai Liew et al.	Scientific Reports volume 9, Article number: 11235 (2019)	2019
124	Defining the structural basis for human alloantibody binding to human leukocyte antigen allele HLA-A*11:01	Fabian Richter, Oliver Seifert, Andreas Herrmann, Klaus Pflizenmaier, Roland E. Kontermann	Nature Communications, 10 (893), 2019	2019
123	Improved monovalent TNF receptor 1-selective inhibitor with novel heterodimerizing Fc	Nicola Fenderito, David Proverbio et al.	mAbs, 31 of March 2019	2019
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121	Electrochemically synthesized molecularly imprinted polythiophene nanostructures as recognition elements for an aspirin-chemosensor	Luciani M, Amilotta G, Manca L, Ciarelli A, Di Febo T, Krasteva I, Pini A, Sacchini F, D'Angelo AR	Sensors and Actuators B: Chemical, Volume 253, December 2017, Pages 428-4	2017
120	Selection of a monoclonal antibody by ELISA immunoblotting and Quartz Crystal Microbalance technology for immunohistochemical detection of Mycoplasma mycoides subsp. capri	Fabian Richter, Oliver Seifert, Andreas Herrmann, Klaus Pflizenmaier, Roland E. Kontermann	Vet Ital. 2016 Jul 15	2016
119	Monovalent TNF receptor 1-selective antibody with improved affinity and neutralizing activity	Harth S, Ten Haaf A, Loew C, Frisch C, Knappik A	mAbs, 11 (1), 2019, p. 166-177	2019
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117	Fabrication of Carbohydrate Chips Based on Polydopamine for Real-Time Determination of Carbohydrate-Lectin Interactions by QCM Biosensor	Ioanna Kalogriaki, Begoña Euba, María del Carmen et al.	Polymers 2018, 10(11), 1275	2018
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110	Off-target testing assays	Geoffrey A. Sonn, Andrew S. Behesnilian, Ziyue Karen Jiang, et al.	Scientific Reports, 23rd January 2018.	2018
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