Number	Article
AT0162	Crimean–Congo haemorrhagic fever virus uses LDLR to bind and enter host cells
AT0161	Tuneable interphase transitions in ionic liquid/carrier systems via voltage control
AT0160	On-Surface Synthesis of Porosity-Controlled Molecularly Imprinted Polymeric Receptors for the Biotinyl Moiety
AT0159	Quartz Crystal Microbalance Platform for SARS-CoV-2 Immuno-Diagnostics
AT0158	Robust QCM-Based Sensing and Assay Formats in Commercialized Systems
AT0157	A monoclonal antibody-based sandwich ELISA for measuring canine Thymidine kinase 1 protein and its role as biomarker in canine lymphoma
AT0156	An anti-LpqH human monoclonal antibody from an asymptomatic individual mediates protection against Mycobacterium tuberculosis
AT0155	Sustainable synthesis of hierarchically grown chloramphenicol-imprinted poly(caffeic acid) nanostructured films
AT0154	Quartz Crystal Microbalance Method to Measure Nanoparticle-Receptor Interactions and Evaluate Nanoparticle Design Efficiency
AT0153	A dynamic reversible phenylboronic acid sensor for real-time determination of protein—carbohydrate interactions on living cancer cells - Chemical Communications (RSC Publishing)
AT0152	Analytical and clinical characterization of an optimized dual monoclonal sandwich ELISA for the quantification of thymidine kinase 1 (TK1) protein in human blood samples
AT0151	Defining the specificity and function of a human neutralizing antibody for Hepatitis B virus
AT0150	Defining neutralization and allostery by antibodies against COVID-19 variants
AT0149	for SARS-CoV-2
AT0148	Kinetics and interaction studies of anti-tetraspanin antibodies and ICAM-1 with extracellular vesicle subpopulations using continuous flow quartz crystal microbalance biosensor
AT0147	Oxytocin-Selective Nanogel Antibody Mimics
AT0146	Palladium nanoparticles immobilized on polyethylenimine-derivatized gold surfaces for catalysis of Suzuki reactions: development and application in a lab-on-a-chip context
AT0145	Investigating histidine-rich glycoprotein and T cell-specific adaptor as potential biomarkers and therapeutic targets
AT0144	Two-Component Nanoparticle Vaccine Displaying Glycosylated Spike S1 Domain Induces Neutralizing Antibody Response against SARS-CoV-2 Variants
AT0143	Cryo-EM reveals the architecture of placental malaria VAR2CSA and provides molecular insight into chondroitin sulfate binding
AT0142	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
AT0141	Capsid-like particles decorated with the SARS-CoV-2 receptor-binding domain elicit strong virus neutralization activity
AT0140	Molecularly Imprinted Chitosan-Based Thin Films with Selectivity for Nicotine Derivatives for Application as a Bio-Sensor and Filter
AT0139	The Solution to Improve Profitability in Pharmaceutical Development; How to Increase Pre-clinical Productivity and Success Rates in Clinical Trials
AT0138	Inhibition of Tumor Cell Growth and Cancer Stem Cell Expansion by a Bispecific Antibody Targeting EGFR and HER3
AT0137	The impact of structural modification of sulfated polysaccharides on bone morphogenic protein 2 and inhibition of endothelial cell angiogenesis
AT0136	Novel approach to the measurement of antithyroglobulin antibodies in human serum – application of the quartz crystal microbalance sensors
AT0135	<u>Direct attachment of suspension cells to PDA surface and its application in suspension-cell QCM biosensor</u>
AT0134	The mechanism of Hsp90-induced oligomerizaton of Tau
AT0133	Superior Treg-Expanding Properties of a Novel Dual-Acting Cytokine Fusion Protein
AT0132	TLR9 Agonist Cobitolimod Induces IL10-Producing Wound Healing Macrophages and Regulatory T Cells in Ulcerative Colitis   Journal of Crohn's and Colitis   Oxford Academic (oup.com)
AT0131	Recombinant spider silk coatings functionalized with enzymes targeting bacteria and biofils

AT0129 Monovalent TNF receptor 1-selective antibody with improved affinity and neutralizing activity.  AT0128 Dectin-1 Binding to Annexins on Apoptotic Cells induces Peripheral Immune Tolerance via NADPH Oxidase-2.  AT0127 Phenotypic Screen with the Human Secretome Identifies FGF16 as Inducing Proliferation of IPSC-Derived Cardiac Progenitor Cells.  AT0128 Rapid affinity chromatographic isolation method for LDL in human plasma by immobilized chondroitin-6-sulfate and anti-apo8-100 antibody monolithic disks in tandem.  AT0129 Defining the structural basis for human alloantibody binding to human leukocyte antigen allele HLA A*11-01  AT0124 Improved monovalent TNF receptor 1-selective inhibitor with novel heterodimerizing Ec.  AT0123 Anti-RP5/6 VHHs promote differentiation of Wnt-hypersensitive intestinal stem cell.  AT0124 Electrochemically synthesized molecularly imprinted polythiophene nanostructures as recognition elements for an aspirin-chemosensor Selection of amonoclonal antibody by ELISA, immonobilotting and Quartz Crystal Microbalance technology for immunohistochemical detection of Mycoplasma mycoides su Monovalent TNF receptor 1-selective antibody with improved affinity and neutralizing activity.  AT0119 Generation by phase display and characterization of drug-target complex-specific antibodies for pharmacokinetic analysis of biotherapeutics.  AT0111 Patricular of Carbohydrate Chips based on polydopamine for Real-Time Determination of Carbohydrate-lectin interactions.  AT0112 Selective Sensing of the Biotinnyl Molety Using Molecular Imprinted Polyaniline Nanowires.  AT0113 A Single-Chain-Based Hexavalent CD27 Agonist Enhances T Cell Activation and Induces Anti-Tumor Immunity.  AT0114 Effects of the flow type on the immobilisation of Biomolecules and Receptors.  AT0115 A Single-Chain-Based Hexavalent CD27 Agonist Enhances T Cell Activation and Induces Anti-Tumor Immunity.  AT0116 Pluorescent Image—Guided Surgery with an Anti-Prostate Stem Cell Antigen (PSCA) Diabody Enables Targeted Resection of Mouse Pro	
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AT0087	Targeting Human Cancer by a Glycosaminoglycan binding Malaria protein
AT0086	A Fab-Selective Immunoglobulin-Binding Domain from Streptococcal Protein G with Improved Half-Life Extension Properties
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AT0084	Real time and label free analysis of binding thermodynamics of carbohydrate protein interactions on unfixed cancer cell surfaces using a QCM biosensor
XT0083	Synthesis and binding affinity analysis of positional thiol analogs of mannopyranose for the elucidation of sulfer in different position
AT0082	Investigating manufactured nanoparticles
AT0081	Study of the Interaction of Trastuzumab and SKOV3 epithelial cancer cells using a Quartz Crystal Microbalance Sensor
0800TA	Preclinical and early clinical development of GNbAC1, a humanized IgG4 monoclonal antibody targeting endogenous retroviral MSRV-Env protein.
AT0079	Heparin Impairs Angiogenesis through Inhibition of MicroRNA-10b
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AT0077	Binding to Heparan Sulfate Chains Modulates Cellular Activity by Selectively The C-terminal Peptide of Chondroadherin
AT0076	Improved Modeling of In Vivo Kinetics of Slowly Diffusing Radiotracers for Tumor Imaging
AT0075	Quantitative ImmunoPET of Prostate Cancer Xenografts with 89Zr- and 124I-Labeled Anti-PSCA A11 Minibody
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AT0072	3D modeling and characterization of the human CD115 monoclonal antibody H27K15 epitope and design of a chimeric CD115 target
AT0071	Soluble components of the flagellar export apparatus, Flil, Flil, and FliH, do not deliver flagellin, the major filament protein, from the cytosol to the export gate
AT0070	Mapping the immunogenicity of therapeutic protein products
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AT0068	Oligosaccharide G19 inhibits U-87 MG human glioma cells growth in vitro and in vivo by targeting epidermal growth factor (EGF) and activating p53/p21 signaling.
AT0067	Label free cell based assay for the characterisation of peptide receptor interaction
AT0066	Partial-filling affinity capillary electrophoresis and quartz crystal microbalance with adsorption energy distribution calculations in the study of biomolecular interactions with
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AT0063	Entropy-driven lectin-recognition of multivalent glycovesicles
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AT0057	Antagonistic TNF Receptor One-Specific Antibody (ATROSAB): Receptor Binding and In Vitro Bioactivity
AT0056	An anti-TNFR1 scFv-HSA fusion protein as selective antagonist of TNF action
AT0055	Protection by immunoglobulin dual-affinity retargeting antibodies against dengue virus
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AT0051	Photogenerated lectin sensors produced by thiol-ene/yne photo-click chemistry in aqueous solution
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AT0049	<u>Functionalization of single-walled carbon nanotubes and their binding to cancer cells</u>
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AT0045	Half-life extension of a single-chain diabody by fusion to domain B of staphylococcal protein A
AT0044	The effect of adjuvants on the immune response induced by a DBL4ε-ID4 VAR2CSA based Plasmodium falciparum vaccine against placental malari
AT0043	Structural and Functional Insight into How the Plasmodium falciparum VAR2CSA Protein Mediates Binding to Chondroitin Sulfate A in Placental Malaria
AT0042	Plasma half-life extension of small recombinant antibodies by fusion to immunoglobulin-binding domains (IgBD)

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AT0027	The kinetics of antibody binding to Plasmodium falciparum VAR2CSA PfEMP1 antigen and modeling of PfEMP1 antigen packing on the membrane knobs
AT0026	Humanization of a Mouse Monoclonal Antibody Directed Against a Cell Surface-Exposed Epitope of Membrane-Associated Heat Shock Protein 70 (Hsp70)
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AT0024	Quartz crystal microbalance, a valuable tool for elucidation of interactions between apoB-100 peptides and extracellular matrix components
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