Ref #	Publication
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-LpgH 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
AT0152	Analytical and clinical characterization of an optimized dual monoclonal sandwich ELISA for the quantification of thymidine kinase 1 (TK1) protein in human blood
AT0151	Defining the specificity and function of a human neutralizing antibody for Hepatitis B virus
AT0150	Mapping the allosteric effects that define functional activity of SARS-2 CoV-2 specific antibodies
AT0149	Defining Factors that Influence vaccine-induced, cross-variant neutralizing antibodies for SARS-CoV-2 in Asians.
AT0148	Kinetics and interaction studies of anti-tetraspanin antibodies and ICAM-1 with extracellular vesicle subpopulations using continuous flow quartz crystal microbalance
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
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	Direct attachment of suspension cells to PDA surface and its application in suspension-cell QCM biosensor
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
AT0131	Recombinant spider silk coatings functionalized with enzymes targeting bacteria and biofils
AT0130	Electro-Responsive Surface Composition and Kinetics of an Ionic Liquid in a Polar Oil
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
AT0126	Rapid affinity chromatographic isolation method for LDL in human plasma by immobilized chondroitin-6-sulfate and anti-apoB-100 antibody monolithic disks in
AT0125	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 Fc
AT0123	Anti-LRP5/6 VHHs promote differentiation of Wnt-hypersensitive intestinal stem cell
AT0122	Electrochemically synthesized molecularly imprinted polythiophene nanostructures as recognition elements for an aspirin-chemosensor
AT0121	Selection of a monoclonal antibody by ELISA, immunoblotting and Quartz Crystal Microbalance technology for immunohistochemical detection of Mycoplasma
AT0120	Monovalent TNF receptor 1-selective antibody with improved affinity and neutralizing activity
	Generation by phage display and characterization of drug-target complex-specific antibodies for pharmacokinetic analysis of biotherapeutics
AT0118	Fabrication of Carbohydrate Chips based on polydopamine for Real-Time Determination of Carbohydrate-lectin interactions

AT0117 Differential recognition of Haemophillus influenzae whole bacterial cells and isolated lipoologosaccharides by galactospecific lectins AT0116 Selective Sensing of the Biotinyl Moiety Using Molecular Imprinted Polyaniline Nanowires AT0115 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 horseradish peroxidase on the immobilisation AT0113 Label-Free Cell-Based Assay for Characterization of Biomolecules and Receptors AT0112 Bacterial Surface Glycans: Microarray and QCM Strategies for Glycophenotyping and Exploration of Recognition by Host Receptors AT0111 (PDF) Off-target testing assays (researchgate.net) AT0110 Fluorescent Image–Guided Surgery with an Anti-Prostate Stem Cell Antigen (PSCA) Diabody Enables Targeted Resection of Mouse Prostate AT0109 A reliable strategy for analysis of complex biosensor data AT0108 Label-free in-flow detection of receptor recognition motifs on the biomolecular corona of nanoparticles AT0107 Virus-like particle display of HER2 induces potent anti-cancer responses AT0106 Synthesis and binding affinity analysis of α 1-2- and α 1-6-O/S-linked dimannosides for the elucidation of sulfur in glycosidic bonds using quartz crystal microbalance. AT0105 QCM Biosensor Based on Polydopamine Surface for Real-Time Analysis of the Binding Kinetics of Protein-Protein Interactions AT0104 Optimization of 3D Surfaces of Dextran with Different MoleculeWeights for Real-Time Detection of Biomolecular Interactions by a QCM Biosensor AT0103 Novel QCM based method to predict the in-vivo behaviour of nanoparticles Novel strategies to mimic transmembrane tumor necrosis factor-dependent activation of tumor necrosis factor receptor 2 AT0102 AT0101 Inhibition of HER3 activation and tumour growth with a human antibody binding to a consered epitope formed by domain III and IV AT0100 Temperature effect on the complex formation between Plluronic acid F127 and starch AT0099 Cellular glycosylation affects Herceptin binding and sensitivity of breast cancer cells to doxorubicin and growth factors AT0098 Spatially Well-Defined Carbohydrate Nanoplatforms: Synthesis, Characterization and Lectin Interaction Study AT0097 Signal enhancement in ligand-receptor interactions using dynamicpolymers at quartz crystal microblance sensors Combined Bacteria Microarray and Quartz Crystal Microbalance Approach for Exploring Glycosignatures of Nontypeable Haemophilus influenzae and Recognition by... AT0096 AT0095 Thermosensitive silica-pluronic-starch model coating dispersion-part I: The effect of Pluronic block copolymer adsorption on the colloidal stability and rheology AT0094 Real-time and label free determination of lignad binding-kinetics to primary cancer tissue specimens; a navel tool for the assessment of biomarker targeting AT0093 Glyconanomaterials for biosensing applications AT0092 lonization of covalent immobilized poly(4-vinylphenol) monolayersmeasured by ellipsometry, QCM and SPR AT0091 Facile fabrication of glyco-polymer based iron oxide nanoparticles and their applications in the carbohydrate-lectin interaction and targeted cell imaging AT0090 Biomimetic Approach for Ion Channels Based on Surfactant Encapsulated Spherical Porous Metal-Oxide Capsules AT0089 Pharmacokinetic properties of IgG and various Fc fusion proteins in mice AT0088 Oriented and reversible immobilization of His-tagged proteins on two- and three-dimensional surfaces for study of protein-protein interactions by a QCM biosensor AT0087 Targeting Human Cancer by a Glycosaminoglycan binding Malaria protein A Fab-Selective Immunoglobulin-Binding Domain from Streptococcal Protein G with Improved Half-Life Extension Properties AT0086 AT0085 Weighing the surface charge of an ionic liquid AT0084 Real time and label free analysis of binding thermodynamics of carbohydrate protein interactions on unfixed cancer cell surfaces using a QCM biosensor AT0083 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 AT0080 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 AT0078 Inducement of Cytokine Release by GFPBW2, a Novel Polysaccharide from Fruit Bodies of Grifola frondosa, through Dectin-1 in Macrophages 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
AT0074	Highly potent dUTPase inhibition by a bacterial repressor protein reveals a novel mechanism for gene expression control
AT0073	One-Step Synthesis of Dual Clickable Nanospheres via Ultrasonic-
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, FliJ, 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
AT0069	Talking Sense
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
AT0065	Hierarchical Thin Film Architectures for Enhanced Sensor Performance: Liquid Crystal-Mediated Electrochemical Synthesis of Nanostructured Imprinted Polymer
AT0064	A Phage Display Screening Derived Peptide with Affinity for the Adeninyl Moiety
AT0063	Entropy-driven lectin-recognition of multivalent glycovesicles
AT0062	Three complementary techniques for the clarification of temperature effect on low-density lipoprotein-chondroitin-6-sulfate interaction
AT0061	Atmospheric pressure plasma polymers fortuned QCM detection of protein adhesion
AT0060	Biotin selective polymer nano-films
AT0059	Multivalent Recognition of Concanavalin A by {Mo132} Glyconanocapsules-Toward Biomimetic Hybrid Multilayers
AT0058	A unique anti-CD 115 monoclonal antibody which inhibits osteolysis and skews human monocyte differentiation from M2-polorised macrophages towrads
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
AT0054	Protein-resistant hyperbranched polyethyleneimine brush surfaces
AT0053	A suspension-cell biosensor for real-time determination of binding kinetics of protein-carbohydrate interactions on cancer cell surfaces
AT0052	Direct and Dynamic Detection of HIV-1 in Living Cells
AT0051	Photogenerated lectin sensors produced by thiol-ene/yne photo-click chemistry in aqueous solution
AT0050	A novel approach to determining the affinity of protein-carbohydrate interactions employing adherent cancer cells grown on a biosensor surface
AT0049	Functionalization of single-walled carbon nanotubes and their binding to cancer cells
AT0048	A New Generation of Cell-Biosensors
AT0047	Real-time analysis of the carbohydrates on cell surfaces using a QCM biosensor: a lectin-based approach
AT0046	Domain-based assays of individual antibody concentrations in an oligoclonal combination targeting a single protein
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 DBL4E-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)
AT0041	In Vitro Evolution of Allergy Vaccine Candidates, with Maintained Structure, but Reduced B Cell and T Cell Activation Capacity
AT0040	Unbinding of hyaluronan accelerates the enzymatic activity of bee hyaluronidase
AT0039	Neonatal FcR Overexpression Boosts Humoral Immune Response in Transgenic Mice
AT0038	Polyethylene glycol-stabilized lipid disks as model membranes in interaction studies based on electrokinetic capillary chromatography and QCM
AT0037	Collagen I and III and their decorin modified surfaces studied by atomic force microscopy and the elucidation of their affinity toward positive apolipoprotein
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AT0035	Magnetosome expression of functional camelid antibody fragments (nanobodies) in Magnetospirillum gryphiswaldense
AT0034	Towards a Synthetic Avidin Mimic
AT0033	Three Different Approaches for the Clarification of the Interactions between Lipoproteins and Chondroitin-6-sulfate
AT0032	The Chondroitin Sulfate A-binding Site of the VAR2CSA Protein Involves Multiple N-terminal Domains
AT0031	Systematic investigation of biomolecular interactions using combined frequency and motional resistance measurements
AT0030	Photo-Click Immobilization on Quartz Crystal Microbalance Sensors for Selective Carbohydrate-Protein Interaction Analyses
AT0029	The effects of affinity and valency of an albumin-binding domain (ABD) on the half-life of a single-chain diabody-ABD fusion protein
AT0028	WSS25 inhibits growth of xenografted hepatocellular cancer cells in nude mice by disrupting angiogenesis via blocking bone morphogenetic protein
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)
AT0025	Dynamic glycovesicle systems for amplified QCM detection of carbohydrate-lectin multivalent biorecognition
AT0024	Quartz crystal microbalance, a valuable tool for elucidation of interactions between apoB-100 peptides and extracellular matrix components
AT0023	Optimizing immobilization on two-dimensional carboxyl surface: pH dependence of antibody orientation and antigen binding capacity
AT0022	Multivalent recognition of lectins by glyconanoparticle systems
AT0021	Modulation of protein properties in living cells using nanobodies
AT0020	Crude Sample Analysis Made Easy
AT0019	Photo-Click Immobilization of Carbohydrates on Polymeric Surfaces-A Quick Method to Functionalize Surfaces for Biomolecular Recognition Studies
AT0018	Biodistribution of a Bispecific Single-chain Diabody and Its Half-life Extended Derivatives
AT0017	On the applicability of high frequency acoustic shear mode biosensing in view of thickness limitations set by the film resonance
AT0016	Controlled release of functional proteins through designer self-assembling peptide nanofiber hydrogel scaffold
AT0015	Characterization of Monoclonal Antibodies Directed against Squamous Cell Carcinoma Antigens: Report of the Second TD-10 Workshop
AT0014	Surface-Confined Photopolymerization of pH-Responsive Acrylamide/Acrylate-Brushes on Polymer Thin Films
AT0013	Generation, Affinity Maturation, and Characterization of a Human Anti-Human NKG2D Monoclonal Antibody with Dual Antagonistic and Agonistic Activity
AT0012	Flow-injection assay of the pathogenic bacteria using lectin-based quartz crystal microbalance biosensor
AT0011	Photoderivatized Polymer Thin Films at Quartz Crystal Microbalance Surfaces: Sensors for Carbohydrate-Protein Interactions
AT0010	Forces and friction between hydrophilic and hydrophobic surfaces: Influence of oleate species
AT0009	System for in situ studies of atmospheric corrosion of metal films using soft x-ray spectroscopy and quartz crystal microbalance
AT0008	Quartz crystal microbalance biosensor design II. Simulation of sample transport
AT0007	Quartz crystal microbalance sensor design I. Experimental study of sensor response and performance
AT0006	Quartz crystal microbalance bioaffinity sensor for rapid identification of glycosyldisulfide lectin inhibitors from a dynamic combinatorial library
AT0005	Redox-responsive and calcium-dependent switching of glycosyldisulfide interactions with Concanavalin A
AT0004	Study of real-time lectin-carbohydrate interactions on the surface of a quartz crystal microbalance
AT0003	Electro-immobilization of proinsulin C-peptide to a quartz crystal microbalance sensor chip for protein affinity purification
AT0002	Isolation of novel single-chain Cro proteins targeted for binding to the bcl-2 transcription initiation site by repertoire selection and subunit combinatorics
AT0001	Molecularly imprinted polymer thin films on quartz crystal microbalance using a surface bound photo-radical initiator