

# Florian M Wurm

## List of Publications by Citations

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141  
papers

7,513  
citations

39  
h-index

86  
g-index

144  
ext. papers

8,103  
ext. citations

6  
avg, IF

6.27  
L-index

#	Paper	IF	Citations
141	Production of recombinant protein therapeutics in cultivated mammalian cells. <i>Nature Biotechnology</i> , <b>2004</b> , 22, 1393-8	44.5	1556
140	Transfecting mammalian cells: optimization of critical parameters affecting calcium-phosphate precipitate formation. <i>Nucleic Acids Research</i> , <b>1996</b> , 24, 596-601	20.1	740
139	Designing CD4 immunoadhesins for AIDS therapy. <i>Nature</i> , <b>1989</b> , 337, 525-31	50.4	562
138	Recombinant protein production by large-scale transient gene expression in mammalian cells: state of the art and future perspectives. <i>Biotechnology Letters</i> , <b>2007</b> , 29, 677-84	3	221
137	Serum-free large-scale transient transfection of CHO cells. <i>Biotechnology and Bioengineering</i> , <b>2004</b> , 87, 537-45	4.9	181
136	Transient gene expression: recombinant protein production with suspension-adapted HEK293-EBNA cells. <i>Biotechnology and Bioengineering</i> , <b>2001</b> , 75, 197-203	4.9	181
135	Rational vector design and multi-pathway modulation of HEK 293E cells yield recombinant antibody titers exceeding 1 g/l by transient transfection under serum-free conditions. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, e96	20.1	162
134	Biological properties of a CD4 immunoadhesin. <i>Nature</i> , <b>1990</b> , 344, 667-70	50.4	157
133	Orbital shaker technology for the cultivation of mammalian cells in suspension. <i>Biotechnology and Bioengineering</i> , <b>2005</b> , 89, 400-6	4.9	153
132	25 years of recombinant proteins from reactor-grown cells - where do we go from here?. <i>Biotechnology Advances</i> , <b>2009</b> , 27, 1023-1027	17.8	141
131	TubeSpin satellites: a fast track approach for process development with animal cells using shaking technology. <i>Biochemical Engineering Journal</i> , <b>2004</b> , 17, 217-223	4.2	139
130	Lactate metabolism shift in CHO cell culture: the role of mitochondrial oxidative activity. <i>New Biotechnology</i> , <b>2013</b> , 30, 238-45	6.4	132
129	Valproic acid: a viable alternative to sodium butyrate for enhancing protein expression in mammalian cell cultures. <i>Biotechnology and Bioengineering</i> , <b>2008</b> , 101, 182-9	4.9	128
128	High-density transfection with HEK-293 cells allows doubling of transient titers and removes need for a priori DNA complex formation with PEI. <i>Biotechnology and Bioengineering</i> , <b>2008</b> , 99, 721-7	4.9	122
127	CHO Quasispecies Implications for Manufacturing Processes. <i>Processes</i> , <b>2013</b> , 1, 296-311	2.9	116
126	Manufacturing recombinant proteins in kg-ton quantities using animal cells in bioreactors. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2011</b> , 78, 184-8	5.7	116
125	Transient gene expression in suspension HEK-293 cells: application to large-scale protein production. <i>Biotechnology Progress</i> , <b>2005</b> , 21, 148-53	2.8	109

124	DNA delivery with hyperbranched polylysine: a comparative study with linear and dendritic polylysine. <i>Journal of Controlled Release</i> , <b>2013</b> , 169, 276-88	11.7	97
123	A simple high-yielding process for transient gene expression in CHO cells. <i>Journal of Biotechnology</i> , <b>2011</b> , 153, 22-6	3.7	91
122	Disassembly of polyethylenimine-DNA particles in vitro: implications for polyethylenimine-mediated DNA delivery. <i>Journal of Controlled Release</i> , <b>2006</b> , 116, 96-104	11.7	86
121	100-liter transient transfection. <i>Cytotechnology</i> , <b>2002</b> , 38, 15-21	2.2	86
120	Mild hypothermia improves transient gene expression yields several fold in Chinese hamster ovary cells. <i>Biotechnology Progress</i> , <b>2008</b> , 24, 458-65	2.8	82
119	Study of the improved Sf9 transient gene expression process. <i>BMC Proceedings</i> , <b>2013</b> , 7, P19	2.3	78
118	Recombinant therapeutic protein production in cultivated mammalian cells: current status and future prospects. <i>Drug Discovery Today: Technologies</i> , <b>2008</b> , 5, e37-42	7.1	76
117	The PiggyBac transposon enhances the frequency of CHO stable cell line generation and yields recombinant lines with superior productivity and stability. <i>Biotechnology and Bioengineering</i> , <b>2011</b> , 108, 2141-50	4.9	71
116	Novel orbital shake bioreactors for transient production of CHO derived IgGs. <i>Biotechnology Progress</i> , <b>2007</b> , 23, 1340-6	2.8	65
115	Scalable transient gene expression in Chinese hamster ovary cells in instrumented and non-instrumented cultivation systems. <i>Biotechnology Letters</i> , <b>2007</b> , 29, 703-11	3	62
114	Polyethyleneimine-based transient gene expression processes for suspension-adapted HEK-293E and CHO-DG44 cells. <i>Protein Expression and Purification</i> , <b>2013</b> , 92, 67-76	2	57
113	Valproic acid enhances recombinant mRNA and protein levels in transiently transfected Chinese hamster ovary cells. <i>Journal of Biotechnology</i> , <b>2010</b> , 148, 128-32	3.7	57
112	Calcium-phosphate mediated DNA transfer into HEK-293 cells in suspension: control of physicochemical parameters allows transfection in stirred media. Transfection and protein expression in mammalian cells. <i>Cytotechnology</i> , <b>1998</b> , 26, 39-47	2.2	55
111	Cloning of CHO Cells, Productivity and Genetic Stability A Discussion. <i>Processes</i> , <b>2017</b> , 5, 20	2.9	54
110	Efficient oxygen transfer by surface aeration in shaken cylindrical containers for mammalian cell cultivation at volumetric scales up to 1000L. <i>Biochemical Engineering Journal</i> , <b>2009</b> , 45, 41-47	4.2	54
109	Generation of stable, high-producing CHO cell lines by lentiviral vector-mediated gene transfer in serum-free suspension culture. <i>Biotechnology and Bioengineering</i> , <b>2011</b> , 108, 600-10	4.9	53
108	Fluorescent proteins in animal cells for process development: optimization of sodium butyrate treatment as an example. <i>Biotechnology and Bioengineering</i> , <b>2002</b> , 77, 528-37	4.9	48
107	New disposable tubes for rapid and precise biomass assessment for suspension cultures of mammalian cells. <i>Biotechnology and Bioengineering</i> , <b>2006</b> , 95, 1228-33	4.9	40

106	Plasmid integration, amplification and cytogenetics in CHO cells: questions and comments. <i>Biologicals</i> , <b>1994</b> , 22, 95-102	1.8	40
105	A Slow Clearing, Fibrin-Specific, PAI-1 Resistant Variant of t-PA (T103N, KHRR 296-299 AAAA). <i>Thrombosis and Haemostasis</i> , <b>1993</b> , 70, 307-312	7	40
104	Recombinant Proteins for Industrial versus Pharmaceutical Purposes: A Review of Process and Pricing. <i>Processes</i> , <b>2019</b> , 7, 476	2.9	39
103	Rapid recombinant protein production from piggyBac transposon-mediated stable CHO cell pools. <i>Journal of Biotechnology</i> , <b>2015</b> , 200, 61-9	3.7	36
102	Low-temperature pausing of cultivated mammalian cells. <i>Biotechnology and Bioengineering</i> , <b>2005</b> , 89, 157-63	4.9	36
101	Integration, amplification and stability of plasmid sequences in CHO cell cultures. <i>Biologicals</i> , <b>1990</b> , 18, 159-64	1.8	36
100	High-titer, serum-free production of adeno-associated virus vectors by polyethyleneimine-mediated plasmid transfection in mammalian suspension cells. <i>Biotechnology Letters</i> , <b>2007</b> , 29, 1713-21	3	35
99	Comparison of three transposons for the generation of highly productive recombinant CHO cell pools and cell lines. <i>Biotechnology and Bioengineering</i> , <b>2016</b> , 113, 1234-43	4.9	34
98	Innovative, non-stirred bioreactors in scales from milliliters up to 1000 liters for suspension cultures of cells using disposable bags and containers--a Swiss contribution. <i>Chimia</i> , <b>2010</b> , 64, 819-23	1.3	34
97	Shaken helical track bioreactors: Providing oxygen to high-density cultures of mammalian cells at volumes up to 1000 L by surface aeration with air. <i>New Biotechnology</i> , <b>2008</b> , 25, 68-75	6.4	33
96	Role of non-specific DNA in reducing coding DNA requirement for transient gene expression with CHO and HEK-293E cells. <i>Biotechnology and Bioengineering</i> , <b>2012</b> , 109, 2271-8	4.9	32
95	Balancing GFP reporter plasmid quantity in large-scale transient transfections for recombinant anti-human Rhesus-D IgG1 synthesis. <i>Biotechnology and Bioengineering</i> , <b>2002</b> , 79, 595-601	4.9	32
94	Calcium phosphate transfection generates mammalian recombinant cell lines with higher specific productivity than polyfection. <i>Biotechnology and Bioengineering</i> , <b>2008</b> , 101, 937-45	4.9	30
93	S-phase synchronized CHO cells show elevated transfection efficiency and expression using CaPi. <i>Cytotechnology</i> , <b>2002</b> , 38, 57-62	2.2	30
92	Large-scale transient expression of therapeutic proteins in mammalian cells. <i>Methods in Molecular Biology</i> , <b>2005</b> , 308, 87-98	1.4	29
91	Engineered Streptomyces quorum-sensing components enable inducible siRNA-mediated translation control in mammalian cells and adjustable transcription control in mice. <i>Journal of Gene Medicine</i> , <b>2005</b> , 7, 518-25	3.5	28
90	Large-scale transfection of mammalian cells. <i>Methods in Molecular Biology</i> , <b>2012</b> , 801, 13-26	1.4	27
89	Studies on fluid dynamics of the flow field and gas transfer in orbitally shaken tubes. <i>Biotechnology Progress</i> , <b>2017</b> , 33, 192-200	2.8	26

88	Glycan variability on a recombinant IgG antibody transiently produced in HEK-293E cells. <i>New Biotechnology</i> , <b>2012</b> , 29, 471-6	6.4	26
87	TubeSpin bioreactor 50 for the high-density cultivation of Sf-9 insect cells in suspension. <i>Biotechnology Letters</i> , <b>2011</b> , 33, 897-902	3	26
86	Numerical simulation of orbitally shaken viscous fluids with free surface. <i>International Journal for Numerical Methods in Fluids</i> , <b>2013</b> , 71, 294-315	1.9	24
85	Highly efficient production of the Alzheimer $\beta$ Secretase integral membrane protease complex by a multi-gene stable integration approach. <i>Biotechnology and Bioengineering</i> , <b>2013</b> , 110, 1995-2005	4.9	24
84	Virus-free transient protein production in Sf9 cells. <i>Journal of Biotechnology</i> , <b>2014</b> , 171, 61-70	3.7	23
83	Generation of recombinant Chinese hamster ovary cell lines by microinjection. <i>Biotechnology Letters</i> , <b>2006</b> , 28, 373-82	3	23
82	Reduced glutamine concentration improves protein production in growth-arrested CHO-DG44 and HEK-293E cells. <i>Biotechnology Letters</i> , <b>2012</b> , 34, 619-26	3	22
81	The kinetics of polyethylenimine-mediated transfection in suspension cultures of Chinese hamster ovary cells. <i>Molecular Biotechnology</i> , <b>2008</b> , 40, 136-43	3	22
80	Reduction of adenovirus E1A mRNA by RNAi results in enhanced recombinant protein expression in transiently transfected HEK293 cells. <i>Gene</i> , <b>2004</b> , 341, 227-34	3.8	22
79	A simple plasmid-based transient gene expression method using High Five cells. <i>Journal of Biotechnology</i> , <b>2015</b> , 216, 67-75	3.7	21
78	Hyperosmolarity enhances transient recombinant protein yield in Chinese hamster ovary cells. <i>Biotechnology Letters</i> , <b>2010</b> , 32, 1587-92	3	21
77	Disposable 600-mL orbitally shaken bioreactor for mammalian cell cultivation in suspension. <i>Biochemical Engineering Journal</i> , <b>2013</b> , 76, 6-12	4.2	20
76	Efficient and reproducible mammalian cell bioprocesses without probes and controllers?. <i>New Biotechnology</i> , <b>2011</b> , 28, 382-90	6.4	20
75	Coexpression of acidic fibroblast growth factor enhances specific productivity and antibody titers in transiently transfected HEK293 cells. <i>New Biotechnology</i> , <b>2008</b> , 25, 162-6	6.4	20
74	Poly(ethyleneimine)-mediated large-scale transient gene expression: influence of molecular weight, polydispersity and N-propionyl groups. <i>Macromolecular Bioscience</i> , <b>2012</b> , 12, 628-36	5.5	19
73	Gene transfer and amplification in CHO cells. Efficient methods for maximizing specific productivity and assessment of genetic consequences. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 782, 70-8	6.5	19
72	Transcriptional and post-transcriptional limitations of high-yielding, PEI-mediated transient transfection with CHO and HEK-293E cells. <i>Biotechnology Progress</i> , <b>2015</b> , 31, 541-9	2.8	18
71	Respiratory syncytial virus subunit vaccine based on a recombinant fusion protein expressed transiently in mammalian cells. <i>Vaccine</i> , <b>2009</b> , 27, 6415-9	4.1	17

70	k(L)a as a predictor for successful probe-independent mammalian cell bioprocesses in orbitally shaken bioreactors. <i>New Biotechnology</i> , <b>2012</b> , 29, 387-94	6.4	15
69	A comparison of orbitally-shaken and stirred-tank bioreactors: pH modulation and bioreactor type affect CHO cell growth and protein glycosylation. <i>Biotechnology Progress</i> , <b>2016</b> , 32, 1174-1180	2.8	15
68	High expression of the aspartate-glutamate carrier Aralar1 favors lactate consumption in CHO cell culture. <i>Pharmaceutical Bioprocessing</i> , <b>2013</b> , 1, 19-27		14
67	Manufacture of Recombinant Biopharmaceutical Proteins by Cultivated Mammalian Cells in Bioreactors723-7594		
66	Peptone Supplementation of Culture Medium Has Variable Effects on the Productivity of CHO Cells. <i>International Journal of Molecular and Cellular Medicine</i> , <b>2014</b> , 3, 146-56	1.2	14
65	Enhanced plasmid DNA utilization in transiently transfected CHO-DG44 cells in the presence of polar solvents. <i>Biotechnology Progress</i> , <b>2015</b> , 31, 1571-8	2.8	13
64	Multiple glycerol shocks increase the calcium phosphate transfection of non-synchronized CHO cells. <i>Biotechnology Letters</i> , <b>2006</b> , 28, 1827-33	3	13
63	Calcium phosphate transfection optimization for serum-free suspension culture. <i>Cytotechnology</i> , <b>2001</b> , 35, 175-80	2.2	12
62	Extraction of plasmid DNA using reactor scale alkaline lysis and selective precipitation for scalable transient transfection. <i>Cytotechnology</i> , <b>2001</b> , 35, 165-73	2.2	12
61	Scalable Production of AAV Vectors in Orbitally Shaken HEK293 Cells. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2019</b> , 13, 14-26	6.4	12
60	The CELO adenovirus Gam1 protein enhances transient and stable recombinant protein expression in Chinese hamster ovary cells. <i>Journal of Biotechnology</i> , <b>2005</b> , 117, 21-9	3.7	11
59	Fluid dynamics of flow fields in a disposable 600-mL orbitally shaken bioreactor. <i>Biochemical Engineering Journal</i> , <b>2018</b> , 129, 84-95	4.2	11
58	A spectrophotometric assay for the quantification of polyethylenimine in DNA nanoparticles. <i>Analytical Biochemistry</i> , <b>2004</b> , 334, 196-8	3.1	10
57	Trimeric SARS-CoV-2 Spike Proteins Produced from CHO Cells in Bioreactors Are High-Quality Antigens. <i>Processes</i> , <b>2020</b> , 8, 1539	2.9	10
56	Multigene expression in stable CHO cell pools generated with the piggyBac transposon system. <i>Biotechnology Progress</i> , <b>2016</b> , 32, 1308-1317	2.8	9
55	Disposable orbitally shaken TubeSpin bioreactor 600 for Sf9 cell cultivation in suspension. <i>Analytical Biochemistry</i> , <b>2016</b> , 505, 26-8	3.1	8
54	Flexible antibodies with nonprotein hinges. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , <b>2011</b> , 87, 603-16	4	6
53	Rapid recombinant protein production from pools of transposon-generated CHO cells. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 8, P34	2.3	6

52	Hydrodynamic stress in orbitally shaken bioreactors. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 8, P39	2.3	6
51	The Delivery of $\alpha$ -Antitrypsin Therapy Through Transepidermal Route: Worthwhile to Explore. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 983	5.6	6
50	Transient gene expression with CHO cells in conditioned medium: a study using TubeSpin( $\square$ ) bioreactors. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 8, P38	2.3	5
49	Manufacture of Recombinant Therapeutic Proteins Using Chinese Hamster Ovary Cells in Large-Scale Bioreactors <b>2016</b> , 327-353		5
48	Production of active glycosylation-deficient $\beta$ -secretase complex for crystallization studies. <i>Biotechnology and Bioengineering</i> , <b>2015</b> , 112, 2516-26	4.9	4
47	Transient transfection of insect Sf-9 cells in TubeSpin( $\square$ ) bioreactor 50 tubes. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 8, P37	2.3	4
46	Manufacturing of biopharmaceuticals and implications for biosimilars. <i>Kidney and Blood Pressure Research</i> , <b>2007</b> , 30 Suppl 1, 6-8	3.1	4
45	METHOTREXATE AND CHO CELLS: PRODUCTIVITY AND GENETICS OF AMPLIFIED EXPRESSION VECTOR SEQUENCES <b>1991</b> , 316-326		4
44	Polyethylenimine-based quality control assay for plasmid DNA. <i>Analytical Biochemistry</i> , <b>2006</b> , 356, 309-113.1	3.1	3
43	Gene transfer and gene amplification in mammalian cells. <i>New Comprehensive Biochemistry</i> , <b>2003</b> , 38, 309-335		3
42	Designs and Characterization of Subunit Ebola GP Vaccine Candidates: Implications for Immunogenicity. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 586595	8.4	3
41	Site-specific steric control of SARS-CoV-2 spike glycosylation <b>2021</b> ,		3
40	1000 Non-instrumented Bioreactors in a Week <b>2007</b> , 489-495		3
39	A NanoDrop-based method for rapid determination of viability decline in suspension cultures of animal cells. <i>Analytical Biochemistry</i> , <b>2012</b> , 430, 138-40	3.1	2
38	Recombinant Antibody Yield Over 2 g/L by Transient Transfection of HEK 293 EBNA Cells in a Fed-Batch Process <b>2012</b> , 497-500		2
37	CHO cell lines generated by PiggyBac transposition. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 8, P31	2.3	2
36	The use of filler DNA for improved transfection and reduced DNA needs in transient gene expression with CHO and HEK cells. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 8, P33	2.3	2
35	Influence of glutamine on transient and stable recombinant protein production in CHO and HEK-293 cells. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 8, P35	2.3	2

34	Naming CHO cells for bio-manufacturing: Genome plasticity and variant phenotypes of cell populations in bioreactors question the relevance of old names. <i>Biotechnology Journal</i> , <b>2021</b> , 16, e2100165	5.6	2
33	Boosted Pro-Inflammatory Activity in Human PBMCs by Lipopolysaccharide and SARS-CoV-2 Spike Protein Is Regulated by $\alpha_1$ Antitrypsin. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
32	Mammalian Cells in Biotech Production <b>2012</b> , 43-57		1
31	Transposon mediated co-integration and co-expression of transgenes in CHO-DG44 cells. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 8, P32	2.3	1
30	Helical Tracks in Shaken Cylindrical Bioreactors Improve Oxygen Transfer and Increase Maximum Cell Density Obtainable for Suspension Cultures of Mammalian Cells <b>2010</b> , 187-191		1
29	Co-transfer of multiple plasmids/viruses as an attractive method to introduce several genes in mammalian cells. <i>New Comprehensive Biochemistry</i> , <b>2003</b> , 38, 337-348		1
28	Fluid dynamics of a pilot-scale OrbShake bioreactor under different operating conditions. <i>Journal of Chemical Technology and Biotechnology</i> ,	3.5	1
27	100 Liter Transient Transfection <b>2001</b> , 37-44		1
26	Development of Pilot-Scale Orbital Shake Bioreactors: Ideal for Cost-Effective and Efficient Transient Gene Expression <b>2010</b> , 183-185		1
25	High Cell Density Transient Gene Expression in HEK 293 EBNA Cells <b>2012</b> , 125-128		1
24	Considerations of the Impacts of Cell-Specific Growth and Production Rate on Clone Selection: A Simulation Study. <i>Processes</i> , <b>2021</b> , 9, 964	2.9	1
23	High-Titer Neutralizing Antibodies against the SARS-CoV-2 Delta Variant Induced by Alhydroxyquim-II-Adjuvanted Trimeric Spike Antigens.. <i>Microbiology Spectrum</i> , <b>2022</b> , e0169521	8.9	0
22	Improved process conditions for increasing expression of MHC class II protein from a stable <i>Drosophila</i> S2 cell line. <i>Biotechnology Letters</i> , <b>2018</b> , 40, 85-92	3	
21	2.2 CHO History, CHO Evolution and CHO Genomics – An Unsolvable Enigma? <b>2014</b> , 38-59		
20	Helical-Track Bioreactors for Bacterial, Mammalian and Insect Cell Cultures. <i>Processes</i> , <b>2013</b> , 1, 3-11	2.9	
19	kLa as a predictor for probe-independent mammalian cell bioprocesses in orbitally shaken bioreactors. <i>BMC Proceedings</i> , <b>2011</b> , 5 Suppl 8, P36	2.3	
18	Chinese Hamster Ovary Cells, Recombinant Protein Production <b>2010</b> , 1		
17	Transient Gene Expression in Mammalian Cells: Promises and Challenges for Medical Biotechnology <b>2009</b> , 1		



- 16 Cytogenetic Characterization of Recombinant Cells **1999**, 49-60
- 15 Release of Plasmid-DNC from PEI/DNA Particles **2007**, 111-115
- 14 Development of a Transient Mammalian Expression Process for the Production of the Cancer Testis Antigen NY-ESO-1 **2007**, 125-128
- 13 Development of a Transient Mammalian Expression Process for the Production of the Cancer Testis Antigen NY-ESO-1 **2007**, 455-458
- 12 Principles of a Scalable Transient Transfection and Expression Technology for Mammalian Cells **1997**, 47-50
- 11 Optimization and Comparison of Different DNA Methyl Transferase and Histone Deacetylase Inhibitors for Enhancing Transient Protein Expression **2010**, 261-264
- 10 Transient Gene Expression in Chinese Hamster Ovary Cells at Low Temperature □The Effects of Cold-Induced Proteins and an mRNA Regulatory Element **2010**, 19-23
- 9 A Serum-Free, Transient Transfection System for Enhancing Production of Recombinant Antibodies in Mammalian Cells **2010**, 229-232
- 8 A Transient Gene Expression Process with Recombinant Antibody Titer of 0.5 g/L in CHO Cells **2012**, 91-94
- 7 Galectin-3 Over-Expression Enhances Survival and Recombinant Protein Expression in Mammalian Cells **2012**, 31-35
- 6 Cellular Proteins in Conditioned Medium Inhibit Polyethylenimine-Mediated Transfection of CHO Cells **2012**, 135-138
- 5 Transgene mRNA Levels and Stability are Key Factors to Enhance Transient Gene Expression in CHO DG44 Cells **2012**, 121-124
- 4 Quantification of Polyethylenimine in Transient Gene Expression: On the Way to GMP Compliance **2012**, 71-75
- 3 Engineering Principles and Cell Culture Performance of Orbitally Shaken Cylindrical Bioreactors **2012**, 407-412
- 2 Generation of High-Producing CHO Cell Lines by Piggybac Transposition **2012**, 129-133
- 1 Analysis of volumetric mass transfer coefficient ( ) in small- (250mL) to large-scale (2500 L) orbitally shaken bioreactors. *3 Biotech*, **2020**, 10, 397 2.8