

## References

1. **Amery, L., G. P. Mannaerts, S. Subramani, P. P. Van Veldhoven, and M. Fransen.** 2001. Identification of a novel human peroxisomal 2,4-dienoyl-CoA reductase related protein using the M13 phage protein VI phage display technology. *Comb. Chem. High. Throughput Screen.* **4**:545-552.
2. **Arap, W., R. Pasqualini, and E. Ruoslahti.** 1998. Cancer treatment by targeted drug delivery to tumor vasculature in a mouse model. *Science* **279**:377-380.
3. **Bandmann, N., J. Van Alstine, A. Veide, and P. A. Nygren.** 2002. Functional selection of phage displayed peptides for facilitated design of fusion tags improving aqueous two-phase partitioning of recombinant proteins. *J. Biotechnol.* **93**:1-14.
4. **Barbas, C. F. III, D. R. Burton, J. K. Scott, and G. J. Silverman,** eds. 2001. *Phage display: a laboratory manual*, Cold Spring harbour Laboratory Press, N.Y.
5. **Barbas, C. F. III, A. S. Kang, R. A. Lerner, and S. J. Benkovic.** 1991. Assembly of combinatorial antibody libraries on phage surfaces: the gene III site. *Proc. Natl. Acad. Sci. USA* **15**:7978-7982.
6. **Bass, S., R. Greene, and J. A. Wells.** 1990. Hormone phage: an enrichment method for variant proteins with altered binding properties. *Proteins* **8**:309-314.
7. **Beekwilder, J., J. Rakonjac, M. Jongsma, and D. Bosch.** 1999. A phagemid vector using the *E. coli* phage shock promoter facilitates phage display of toxic proteins. *Gene* **228**:23-31.
8. **Beghetto, E., A. Pucci, O. Minenkova, A. Spadoni, L. Bruno, W. Buffolano, D. Soldati, F. Felici, and N. Gargano.** 2001. Identification of a human immunodominant B-cell epitope within

the GRA1 antigen of *Toxoplasma gondii* by phage display of cDNA libraries. *Int. J. Parasitol.* **31**:1659-1668.

9. **Carbonell, X., and A. Villaverde.** 1998. Insertional mutagenesis in the tailspike protein of bacteriophage P22. *Biochem. Biophys. Res. Commun.* **244**:428-433.
10. **Castagnoli, L., A. Zucconi, M. Quondam, M. Rossi, P. Vaccaro, S. Panni, S. Paoluzi, E. Santonico, L. Dente, and G. Cesareni.** 2001. Alternative bacteriophage display systems. *Comb. Chem. High Throughput Screen.* **4**:121-133.
11. **Castillo, J., B. Goodson, and J. Winter.** 2001. T7 displayed peptides as targets for selecting peptide specific scFvs from M13 scFv display libraries. *J. Immunol. Methods.* **257**:117-122
12. **Click, E. M., and R. E. Webster.** 1997. Filamentous phage infection: required interactions with the TolA protein, *J. Bacteriol.* **179**:6464-6471.
13. **Click, E. M., and R. E. Webster.** 1998. The TolQRA proteins are required for membrane insertion of the major capsid protein of the filamentous phage f1 during infection. *J. Bacteriol.* **180**:1723-1728.
14. **Colbere-Garapin, F., C. Christodoulou, R. Crainic, A. C. Garapin, and A. Candrea.** 1988. Addition of a foreign oligopeptide to the major capsid protein of poliovirus. *Proc. Natl. Acad. Sci. USA* **85**:8668-8672
15. **Cortese, R., F. Felici, G. Galfre, A. Luzzago, P. Monaci, and A. Nicosia.** 1994. Epitope discovery using peptide libraries displayed on phage. *Trends Biotechnol.* **12**:262-267.
16. **Crameri, R., and R. Kodzius.** 2001. The powerful combination of phage surface display of cDNA libraries and high throughput screening. *Comb. Chem. High Throughput Screen.* **4**:145-155.

17. **Crameri, R., and M. Suter.** 1993. Display of biologically active proteins on the surface of filamentous phages: a cDNA cloning system for selection of functional gene products linked to the genetic information responsible for their production. *Gene* **137**:69-75 (*Gene* 1995 **160**:139).
18. **Crissman, J. W., and G. P. Smith.** 1984. Gene-III protein of filamentous phages: evidence for a carboxyl-terminal domain with a role in morphogenesis. *Virology* **132**: 445-455.
19. **Cwirla, S. E., E. A. Peters, R. W. Barrett, and W. J. Dower.** 1990. Peptides on phage: a vast library of peptides for identifying ligands. *Proc. Natl. Acad. Sci. USA* **87**:6378-6382.
20. **Danner, S., and J. G. Belasco.** 2001. T7 phage display: A novel genetic selection system for cloning RNA-binding proteins from cDNA libraries. *Proc. Natl. Acad. Sci. USA* **98**:12954-12959.
21. **Deng, L. W., P. Malik, and R. N. Perham.** 1999. Interaction of the globular domains of pIII protein of filamentous bacteriophage fd with the F-pilus of *Escherichia coli*. *Virology* **253**:271-277.
22. **Devlin, J. J., L. C. Panganiban, and P. E. Devlin.** 1990. Random peptide libraries: a source of specific protein binding molecules. *Science* **249**: 404-406.
23. **Djojonegoro, B. M., M. J. Benedik, and R. C. Willson.** 1994. Bacteriophage surface display of an immunoglobulin-binding domain of *Staphylococcus aureus* protein A. *Biotechnology (N. Y.)* **12**:169-172.
24. **D'Mello, F., and C. R. Howard.** 2001. An improved selection procedure for the screening of phage display peptide libraries. *J. Immunol. Methods* **247**:191-203.
25. **Dokland, T., M. L. Isaksen, S. D. Fuller, and B. H. Lindqvist.** 1993. Capsid localization of the bacteriophage P4 Psi protein. *Virology* **194**:682-687.
26. **Dokland, T., and H. Murialdo.** 1993. Structural transitions during maturation of bacteriophage lambda capsids. *J. Mol. Biol.* **233**:682-694.

27. **Duenas, M., and C. A. Borrebaeck.** 1995. Novel helper phage design: intergenic region affects the assembly of bacteriophages and the size of antibody libraries, *FEMS Microbiol Lett.* **125**:317-321.
28. **Dunn, I. S.** 1995. Assembly of functional bacteriophage lambda virions incorporating C-terminal peptide or protein fusions with the major tail protein. *J. Mol. Biol.* **248**:497-506.
29. **Dunn, I. S.** 1996. Total modification of the bacteriophage lambda tail tube major subunit protein with foreign peptides. *Gene* **183**:15-21.
30. **Dunn, I. S.** 1996. In vitro alpha-complementation of beta-galactosidase on a bacteriophage surface. *Eur. J. Biochem.* **242**:720-726.
31. **Dunn, I. S.** 1996. Mammalian cell binding and transfection mediated by surface-modified bacteriophage lambda. *Biochimie.* **78**:856-861.
32. **Dwyer, M. A., W. Lu, J. J. Dwyer, and A. A. Kossiakoff,** 2000. Biosynthetic phage display: a novel protein engineering tool combining chemical and genetic diversity. *Chem. Biol.* **7**:263-274.
33. **Efimov, V. P., I. V. Nepluev, and V. V. Mesyanzhinov.** 1995. Bacteriophage T4 as a surface display vector *Virus. Genes* **10**:173-177.
34. **Enshell-Seiffers, D., L. Smelyansk, and J. M. Gershoni.** 2001. The rational design of a 'type 88' genetically stable peptide display vector in the filamentous bacteriophage fd. *Nucleic Acids Res.* **29**:E50-0
35. **FitzGerald, K.** 2000. *In vitro* display technologies - new tools for drug discovery. *Drug Discov. Today* **5**:253-258.
36. **Fransen, M., P. P. Van Veldhoven, and S. Subramani.** 1999. Identification of peroxisomal proteins by using M13 phage protein VI phage display: molecular evidence that mammalian peroxisomes contain a 2,4-dienoyl-CoA reductase. *Biochem. J.* **340** :561-568.

37. **Fuh, G., and S. S. Sidhu.** 2000. Efficient phage display of polypeptides fused to the carboxy-terminus of the M13 gene-3 minor coat protein. *FEBS Lett.* **480**:231-234.
38. **Gao, C., S. Mao, C. H. Lo, P. Wirsching, R. A. Lerner, and K. D. Janda.** 1999. Making artificial antibodies: a format for phage display of combinatorial heterodimeric arrays. *Proc. Natl. Acad. Sci. U S A.* **96**:6025-6030.
39. **Gold, L.** 2001. mRNA display: diversity matters during in vitro selection. *Proc. Natl. Acad. Sci. USA* **98**:4825-4826.
40. **Grabherr, R., and W. Ernst.** 2001. The Baculovirus expression system as a tool for generating diversity by viral surface display. *Comb. Chem. High Throughput Screen.* **4**:185-192.
41. **Hanes, J., L. Jermutus, and A. Pluckthun.** 2000. Selecting and evolving functional proteins *in vitro* by ribosome display. *Methods Enzymol.* **328**:404-430.
42. **Hansen, M. H., B. Ostenstad, and M. Sioud.** 2001. Identification of immunogenic antigens using a phage-displayed cDNA library from an invasive ductal breast carcinoma tumour. *Int. J. Oncol.* **19**:1303-1309.
43. **Hendrix, R. W., and R. L. Duda.** 1992. Bacteriophage lambda PaPa: not the mother of all lambda phages. *Science* **258**:1145-1148.
44. **Hoess, R. H.** 2001. Protein design and phage display. *Chem. Rev.* **101**:3205-3218.
45. **Holliger P., and L. Riechmann.** 1997. A conserved infection pathway for filamentous bacteriophages is suggested by the structure of the membrane penetration domain of the minor coat protein g3p from phage fd. *Structure* **5**:265-275.
46. **Holliger, P., L. Riechmann, and R. L. Williams.** 1999. Crystal structure of the two N-terminal domains of g3p from filamentous phage fd at 1.9 Å: evidence for conformational lability. *J. Mol. Biol.* **288**:649-657.

47. **Hong, Y. R., and L. W. Black.** 1993. An expression-packaging-processing vector which selects and maintains 7-kb DNA inserts in the blue T4 phage genome. *Gene* **136**:193-198.
48. **Houshmand, H., G. Froman, and G. Magnusson.** 1999. Use of bacteriophage T7 displayed peptides for determination of monoclonal antibody specificity and biosensor analysis of the binding reaction. *Anal Biochem.* **268**:363-70
49. **Hufton, S. E., P. T. Moerkerk, E. V. Meulemans, A. de Bruine, J. W. Arends, and H. R. Hoogenboom.** 1999. Phage display of cDNA repertoires: the pVI display system and its applications for the selection of immunogenic ligands. *J. Immunol. Methods.* **231**:39-35.
50. **Iannolo, G., O. Minenkova, S. Gonfloni, L. Castagnoli, and G. Cesareni.** 1997. Construction, exploitation and evolution of a new peptide library displayed at high density by fusion to the major coat protein of filamentous phage. *Biol. Chem.* **378**:517-521.
51. **Iannolo, G., O. Minenkova, R. Petruzzelli, and G. Cesareni.** 1995. Modifying filamentous phage capsid: limits in the size of the major capsid protein. *J. Mol. Biol.* **248**:835-44
52. **Ishii, T., and M. Yanagida.** 1977. The two dispensable structural proteins (soc and hoc) of the T4 phage capsid; their purification and properties, isolation and characterization of the defective mutants, and their binding with the defective heads in vitro. *J. Mol. Biol.* **109**:487-514.
53. **Iwasaki, K., B. L. Trus, P. T. Wingfield, N. Cheng, G. Campusano, V. B. Rao, and A. C. Steven.** 2000. Molecular architecture of bacteriophage T4 capsid: vertex structure and bimodal binding of the stabilizing accessory protein, *Soc. Virology* **271**:321-333.
54. **Jacobsen, K., and L. Frykberg.** 2001. Shotgun phage display cloning. *Comb. Chem. High Thr. Screen.* **4**:135-143.
55. **Jespers, L. S., J. H. Messens, A. De Keyser, D. Eeckhout, I. Van den Brande, Y. G. Gansemans, M. J. Lauwereys, G. P. Vlasuk, and P. E. Stanssens.** 1995. Surface expression and

ligand-based selection of cDNAs fused to filamentous phage gene VI. *Biotechnology (N.Y.)* **13**:378-382.

56. **Jestin, J. L., G. Volioti, and G. Winter.** 2001. Improving the display of proteins on filamentous phage. *Res. Microbiol.* **152**:187-191.
57. **Jiang, J., L. Abu-Shilbayeh, and V. B. Rao.** 1997. Display of a PorA peptide from *Neisseria meningitidis* on the bacteriophage T4 capsid surface. *Infect. Immun.* **65**:4770-4777.
58. **Johnsson, K., and L. Ge.** 1999. Phage display of combinatorial peptide and protein libraries and their applications in biology and chemistry. *Curr. Top. Microbiol. Immunol.* **243**:87-105.
59. **Kang, A. S., C. F. Barbas, K. D. Janda, S. J. Benkovic, and R. A. Lerner.** 1991. Linkage of recognition and replication functions by assembling combinatorial antibody Fab libraries along phage surfaces. *Proc. Natl. Acad. Sci. USA* **88**:4363-4366.
60. **Kataoka, K., K. Yoshitomo-Nakagawa, S. Shioda, M. Nishizawa.** 2001. A set of Hox proteins interact with the Maf oncoprotein to inhibit its DNA binding, transactivation, and transforming activities. *J. Biol. Chem.* **276**:819-826 .
61. **Kay, B. K., J. Kasanov, and M. Yamabhai.** 2001. Screening phage-displayed combinatorial peptide libraries. *Methods* **24**:240-246.
62. **Kishchenko, G., H. Batliwala, and L. Makowski.** 1994. Structure of a foreign peptide displayed on the surface of bacteriophage M13. *J. Mol. Biol.* **241**:208-213.
63. **Kozlovska, T. M., I. Cielens, I. Vasiljeva, A. Strelnikova, A. Kazaks, A. Dislers, D. Dreilina, V. Ose, I. Gusars, and P. Pumpens.** 1996. RNA phage Q beta coat protein as a carrier for foreign epitopes. *Intervirology* **39**:9-15.
64. **Krebs, B., R. Rauchenberger, S. Reiffert, C. Rothe, M. Tesar, E. Thomassen, M. Cao, T. Dreier, D. Fischer, A. Hoss, L. Inge, A. Knappik, M. Marget, P. Pack, X. Q. Meng, R. Schier,**

- P. Sohlmann, J. Winter, J. Wolle, and T. Kretzschmar.** 2001. High-throughput generation and engineering of recombinant human antibodies. *J. Immunol. Methods.* **254**:67-84.
65. **Kuwabara, I., H. Maruyama, S. Kamisue, M. Shima, A. Yoshioka, and I. N. Maruyama.** 1999. Mapping of the minimal domain encoding a conformational epitope by lambda phage surface display: factor VIII inhibitor antibodies from haemophilia A patients. *J. Immunol. Methods.* **224**:89-99.
66. **Kuwabara, I., H. Maruyama, Y. G. Mikawa, R. I. Zuberi, F. T. Liu, and I. N. Maruyama.** 1997. Efficient epitope mapping by bacteriophage lambda surface display. *Nat. Biotechnol.* **15**:74-78.
67. **Letarov, A. V., Y. Y. Londer, S. P. Boudko, and V. V. Mesyanzhinov.** 1999. The carboxy-terminal domain initiates trimerization of bacteriophage T4 fibritin. *Biochemistry (Mosc).* **64**:817-823.
68. **Lindqvist, B. H., and S. Naderi.** 1995. Peptide presentation by bacteriophage P4, *FEMS Microbiol. Rev.* **17**:33-39.
69. **Lohse, P., and M. C. Wright.** 2001. *In vitro* protein display in drug discovery. *Curr. Opin. Drug Discov. Devel.* **4**:198-204.
70. **Lowman, H. B.** 1997. Bacteriophage display and discovery of peptide leads for drug development. *Annu. Rev. Biophys. Biomol. Struct.* **26**:401-424.
71. **Lubkowski, J., F. Hennecke, A. Pluckthun, and A. Wlodawer.** 1998. The structural basis of phage display elucidated by the crystal structure of the N-terminal domains of g3p. *Nat. Struct. Biol.* **5**:140-147.
72. **Malik, P., T. D. Terry, F. Bellintani, and R. N. Perham.** 1998. Factors limiting display of foreign peptides on the major coat protein of filamentous bacteriophage capsids and a potential role for leader peptidase. *FEBS Lett.* **436**:263-266.



73. **Malik, P., T. D. Terry, L. R. Gowda, A. Langara, S. A. Petukhov, M. F. Symmons, L. C. Welsh, D. A. Marvin, and R. N. Perham.** 1996. Role of capsid structure and membrane protein processing in determining the size and copy number of peptides displayed on the major coat protein of filamentous bacteriophage. *J. Mol. Biol.* **260**:9-21.
74. **Maruyama, I. N., H. I. Maruyama, and S. Brenner.** 1994. Lambda foo: a lambda phage vector for the expression of foreign proteins. *Proc. Natl. Acad. Sci. USA.* **91**:8273-8277.
75. **McCafferty, J., A. D. Griffiths, G. Winter, and D. J. Chiswell.** 1990. Phage antibodies: filamentous phage displaying antibody variable domains. *Nature* **348**:552-554.
76. **Mikawa, Y. G., I. N. Maruyama, and S. Brenner.** 1996. Surface display of proteins on bacteriophage lambda heads. *J. Mol. Biol.* **262**:21-30.
77. **Miroshnikov, K. A., E. M. Cerritelli, G. Campusano, N. Cheng, F. J. Conway, and C. A. Steven.** (personal communication)
78. **Monaci, P., L. Urbanelli, and L. Fontana.** 2001. Phage as gene delivery vectors. *Curr. Opin. Mol. Ther.* **3**:159-169.
79. **Moriki, T., I. Kuwabara, F. T. Liu, and I. N. Maruyama.** 1999. Protein domain mapping by lambda phage display: the minimal lactose-binding domain of galectin-3. *Biochem. Biophys. Res. Commun.* **265**:291-296.
80. **Mullaney, J. M., and L. W. Black.** 1996. Capsid targeting sequence targets foreign proteins into bacteriophage T4 and permits proteolytic processing. *J. Mol. Biol.* **261**:372-378.
81. **Mullaney, J. M., and L. W. Black.** 1998. Activity of foreign proteins targeted within the bacteriophage T4 head and prohead: implications for packaged DNA structure. *J. Mol. Biol.* **283**:913-929.
82. **Mullaney, J. M., and L. W. Black.** 1998. GFP:HIV-1 protease production and packaging with a T4 phage expression-packaging processing system. *Biotechniques* **25**:1008-1012.

83. **Murthy, K. K., I. Ekiel, S. H. Shen, and D. Banville.** 1999. Fusion proteins could generate false positives in peptide phage display. *Biotechniques* **26**:142-149.
84. **Nakayama, G.R., G. Valkirs, D. McGrath, and W.D. Huse.** 1996. Improving the copy numbers of antibody fragments expressed on the major coat protein of bacteriophage M13. *Immunotechnology*. **2**:197-207.
85. **Nakielny, S., S. Shaikh, B. Burke, and G. Dreyfuss.** 1999. Nup153 is an M9-containing mobile nucleoporin with a novel Ran-binding domain. *EMBO J.* **18**:1982-1995.
86. **Nilsson, F., L. Tarli, F. Viti, and D. Neri.** 2000. The use of phage display for the development of tumour targeting agents. *Adv. Drug Deliv. Rev.* **43**:165-196.
87. **Niwa, M., H. Maruyama, T. Fujimoto, K. Dohi, and I. N. Maruyama.** 2000. Affinity selection of cDNA libraries by lambda phage surface display. *Gene.* **256**:229-236.
88. **Noren, K.A., and C. J. Noren.** 2001. Construction of high-complexity combinatorial phage display peptide libraries. *Methods* **23**:169-178.
89. **Olofsson, L., J. Ankarloo, P. O. Andersson, and I. A. Nicholls.** 2001. Filamentous bacteriophage stability in non-aqueous media. *Chem. Biol.* **8**:661-671.
90. **Olson, N. H., M. Gingery, F. A. Eiserling, and T. S. Baker.** 2001. The structure of isometric capsids of bacteriophage T4. *Virology* **279**:385-391.
91. **Pasqualini, R., and E. Ruoslahti.** 1996. Organ targeting in vivo using phage display peptide libraries. *Nature* **380**:364-366.
92. **Poul, M. A., and J. D. Marks.** 1999. Targeted gene delivery to mammalian cells by filamentous bacteriophage. *J. Mol. Biol.* **288**:203-211.
93. **Rakonjac, J., J. Feng and P. Model.** 1999. Filamentous phage are released from the bacterial membrane by a two-step mechanism involving a short C-terminal fragment of pIII. *J. Mol. Biol.* **289**: 1253-1265.

94. **Rakonjac, J., G. Jovanovic, and P. Model.** 1997. Filamentous phage infection-mediated gene expression: construction and propagation of the gIII deletion mutant helper phage R408d3. *Gene* **198**:99-103.
95. **Rakonjac, J., and P. Model.** 1998. Roles of pIII in filamentous phage assembly. *J. Mol. Biol.* **282**:25-41.
96. **Ren, Z.J., R.G. Baumann, and L.W. Black.** 1997. Cloning of linear DNAs *in vivo* by overexpressed T4 DNA ligase: construction of a T4 phage hoc gene display vector. *Gene* **195**:303-11.
97. **Ren, Z., and L.W. Black.** 1998. Phage T4 SOC and HOC display of biologically active, full-length proteins on the viral capsid. *Gene*. **215**:439-444.
98. **Ren, Z. J., G. K. Lewis, P. T. Wingfield, E. G. Locke, A. C. Steven, and L. W. Black.** 1996. Phage display of intact domains at high copy number: a system based on SOC, the small outer capsid protein of bacteriophage T4. *Protein Sci.* **5**:1833-1843.
99. **Riechmann, L., and P. Holliger.** 1997. The C-terminal domain of TolA is the coreceptor for filamentous phage infection of *E. coli*. *Cell* **90**:351-360.
100. **Rondot, S., J. Koch, F. Breitling, and S. Dubel.** 2001. A helper phage to improve single-chain antibody presentation in phage display. *Nat. Biotechnol.* **19**:75-78.
101. **Rosenberg, A., K. Griffin, F. W. Studier, M. McCormick, J. Berg, R. Novy, and R. Mierendorf.** 1996. T7 Select<sup>R</sup> phage display system: A powerful new protein display system based on bacteriophage T7. *InNovations Number* **6**:1-6.
102. **Rudgers, G. W., and T. Palzkill.** 2001. Protein minimization by random fragmentation and selection. *Protein Eng.* **14**:487-492.
103. **Ruoslahti, E.** 2000. Targeting tumor vasculature with homing peptides from phage display. *Semin. Cancer Biol.* **10**:435-442.

104. **Santi, E., S. Capone, C. Mennuni, A. Lahm, A. Tramontano, A. Luzzago, and A. Nicosia.** 2000,. Bacteriophage lambda display of complex cDNA libraries: a new approach to functional genomics. *J. Mol. Biol.* **296**:497-508
105. **Santini, C., D. Brennan, C. Mennuni, R. H. Hoess, A. Nicosia, R. Cortese, and A. Luzzago.** 1998. Efficient display of an HCV cDNA expression library as C-terminal fusion to the capsid protein D of bacteriophage lambda. *J. Mol. Biol.* **282**:125-135.
106. **Savinov, S. N, and D. J. Austin.** 2001. The cloning of human genes using cDNA phage display and small-molecule chemical probes. *Comb. Chem. High Throughput Screen.* **4**:593-597 .
107. **Sche, P. P, K. M. McKenzie, J. D. White, and D. J. Austin.** 2001. Corrigendum to: "Display cloning: functional identification of natural product receptors using cDNA-phage display" [*Chemistry & Biology* 6 (1999) 707-716]. *Chem. Biol.* **8**:399-400.
108. **Scott, J. K., and G. P. Smith.** 1990. Searching for peptide ligands with an epitope library. *Science* **249**:386-390.
109. **Sidhu, S. S.** 2001. Engineering M13 for phage display. *Biomol. Eng.* **18**:57-63.
110. **Sidhu, S. S., G.A. Weiss, and J.A. Wells.** 2000. High copy display of large proteins on phage for functional selections. *J. Mol. Biol.* **296**:487-495.
111. **Sioud, M., and M. H. Hansen.** 2001. Profiling the immune response in patients with breast cancer by phage-displayed cDNA libraries. *Eur. J. Immunol.* **31**:716-725.
112. **Sioud, M., M. Hansen, and A. Dybwad.** 2000. Profiling the immune responses in patient sera with peptide and cDNA display libraries. *Int. J. Mol. Med.* **6**:123-128.
113. **Smith, G. P.** 1985. Filamentous fusion phage: novel expression vectors that display cloned antigens on the virion surface. *Science* **228**:1315-1317.
114. **Smith, G. P.** 1993. Surface display and peptide libraries. *Gene* **128**:1-2.

115. **Sokoloff, A. V., I. Bock, G. Zhang, M. G. Sebestyen, and J. A. Wolff.** 2000. The interactions of peptides with the innate immune system studied with use of T7 phage peptide display. *Mol. Ther.* **2**:131-139.
116. **Sternberg, N., and R. H. Hoess.** 1995. Display of peptides and proteins on the surface of bacteriophage lambda. *Proc. Natl. Acad. Sci. USA.* **92**:1609-1613.
117. **Stolz, J., A. Ludwig, and N. Sauer.** 1998. Bacteriophage lambda surface display of a bacterial biotin acceptor domain reveals the minimal peptide size required for biotinylation. *FEBS Lett.* **440**:213-217.
118. **Stolz, J., A. Ludwig, R. Stadler, C. Biesgen, K. Hagemann, and N. Sauer.** 1999. Structural analysis of a plant sucrose carrier using monoclonal antibodies and bacteriophage lambda surface display. *FEBS Lett.* **453**:375-379.
119. **Terry, T. D., P. Malik, and R. N. Perham.** 1997. Accessibility of peptides displayed on filamentous bacteriophage virions:susceptibility to proteinases. *Biol. Chem.* **378**:523-530.
120. **Vanhoorelbeke, K., R.M. van der Plas, G. Vandecasteele, S. Vauterin, E. G. Huizinga, J. J. Sixma, and H. Deckmyn.** 2000. Sequence alignment between vWF and peptides inhibiting the vWF-collagen interaction does not result in the identification of a collagen-binding site in vWF. *Thromb. Haemost.* **84**:621-625.
121. **van Meerten, D., R. C. Olsthoorn, J. van Duin, and R. M. Verhaert.** 2001. Peptide display on live MS2 phage: restrictions at the RNA genome level. *J. Gen. Virol.* **82**:1797-1805.
122. **Vasiljeva I., T. Kozlovska, I. Cielens, A. Strelnikova, A. Kazaks, V. Ose, and P. Pumpens.** 1998. Mosaic Qbeta coats as a new presentation model. *FEBS Lett.* **431**:7-11.
123. **Viaene, A., A. Crab, M. Meiring, D. Pritchard, and H. Deckmyn.** 2001. Identification of a collagen-binding protein from *Necator americanus* by using a cDNA-expression phage display library. *J. Parasitol.* **87**:619-625.

124. **Whaley, S. R., D. S. English, E. L. Hu, P. F. Barbara, and A. M. Belcher.** 2000. Selection of peptides with semiconductor binding specificity for directed nanocrystal assembly. *Nature* **405**:665-668.
125. **Wilson, D. R., and B. B. Finlay.** 1998. Phage display: applications, innovations, and issues in phage and host biology. *Can. J. Microbiol.* **44**:313-329.
126. **Wilson, D. S., A. D. Keefe, and J. W. Szostak.** 2001. The use of mRNA display to select high-affinity protein-binding peptides. *Proc. Natl. Acad. Sci. U S A.* **98**:3750-3755.
127. **Winthrop, M.D., G.L. Denardo, and S.J. Denardo.** 2000. Antibody phage display applications for nuclear medicine imaging and therapy. *Q. J. Nucl. Med.* **44**:284-295.
128. **Wittrup, K. D.** 1999. Phage on display. *Trends Biotechnol.* **17**:423-424.
129. **Yamamoto, M., Y. Kominato, and F. Yamamoto.** 1999. Phage display cDNA cloning of protein with carbohydrate affinity. *Biochem. Biophys. Res. Commun.* **255**:194-1999 .
130. **Yang, F., P. Forrer, Z. Dauter, J. F. Conway, N. Cheng, M. E. Cerritelli, A. C. Steven, A. Pluckthun, and A. Wlodawer.** 2000. Novel fold and capsid-binding properties of the lambda-phage display platform protein gpD. *Nat. Struct. Biol.* **7**:230-237.
131. **Zhang, L., K. Jacobsson, Vasi, J., M. Lindberg, and L. Frykberg.** 1998. A second IgG-binding protein in *Staphylococcus aureus*. *Microbiology* **144** :985-991.
132. **Zhang, Y., J. W. Pak, I. N. Maruyama, and M. Machida.** 2000. Affinity selection of DNA-binding proteins displayed on bacteriophage lambda. *J. Biochem. (Tokyo)* **127**:1057-63
133. **Zucconi, A., L. Dente, E. Santonico, L. Castagnoli, and G. Cesareni.** 2001. Selection of ligands by panning of domain libraries displayed on phage lambda reveals new potential partners of synaptojanin 1. *J. Mol. Biol.* **307**:1329-1339.