

# Publications

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## Recent Publications

1. Patlewicz, S., and Sudol, M. (1976)  
“Wachsen und Bauen, Konstruktionen in Natur und Technik” ed. Otto Patzelt,  
*Universe*, 12, 320. [review].
2. Sudol, M. (1978)  
Peptides as Cell Growth Regulators.  
*Rev. Cell Biol.* 4, 325-340 [review].
3. Klein, A., Branny, J., Sudol, M., Knycz, M., Drozd, C., and Szuro, A. (1979)  
The Influence of Non-dialysable Peptide Fraction from Bovine Blood Plasma on the  
Amino Acid Incorporation in BHK-21 Normal and RSV Transformed Cells.  
*Folia Histochem. Cytochem.*, 17, 353-365.
4. Sudol, M., (1982)  
A Piece of Knowledge.  
*Mol. Cell. Biochem.*, 49, 62.
5. Nagamine, Y., Sudol, M., and Reich, E., (1983)  
Hormonal Regulation of Plasminogen Activator mRNA Production in Porcine Kidney Cell  
Line.  
*Cell*, 32, 1181-1190.
6. Schleuning, W-D., Sudol, M., and Reich, E., (1983)  
A Proenzyme from Chicken Plasma Related to Plasminogen Activator and Kallikrein.  
*J. Biol. Chem.*, 258, 14106-14115.
7. Sudol, M. (1983)  
Hormonal Regulation of Plasminogen Activator Production in Porcine Kidney Cell Line.  
*Ph.D. Thesis, The Rockefeller University* (1985 Publication of UMI, #85-111-30)
8. Sudol, M., and Reich, E. (1984)  
Purification and Characterization of Plasminogen Activator from Kidney Cells.  
*Biochem. J.*, 219, 917-978.

9. Sudol, M. (1985)  
Hormonal Regulation of Protein Synthesis in Cultured Kidney Cells.  
*Mol. Cell. Endocr.*, 40, 245-255.
10. Sudol, M., Lerner, T.L., and Hanafusa, H. (1986)  
Polymerase-Defective Mutant of the Bryan High-Titer Strain of Rous Sarcoma Virus.  
*Nucleic Acid Res.*, 14, 2391-2405.
11. Sudol, M., and Hanafusa, H. (1986)  
Cellular Proteins Homologous to the Viral yes Gene Product.  
*Mol. Cell. Biol.*, 6, 2839-2846.
12. Kornbluth, S., Sudol, M., and Hanafusa, H. (1987)  
Association of the Polymavirus Middle T Antigen with c-yes Protein.  
*Nature*, 325, 171-173.
13. Sudol, M., Alvarez-Buylla, A., and Hanafusa, H. (1988)  
Differential Developmental Expression of Cellular yes and src Proteins in Cerebellum.  
*Oncogene Res.*, 2, 345-355.
14. Sudol, M., Kieswetter, C., Zhao, Y-H., Dorai, T., Wang, L-H., and Hanafusa, H. (1988)  
Nucleotide Sequence of a cDNA for the Chick yes Proto-oncogene: Comparison with the Viral yes Gene.  
*Nucleic Acid Res.*, 16, 9876.
15. Sudol, M. (1988)  
Expression of Proto-oncogenes in Neural Tissues.  
*Brain Research Reviews*, 13, 391-403 [review]
16. Sudol, M., Kuo, F., Shigemitsu, L., and Alvarez-Buylla, A. (1989)  
Expression of the yes Proto-oncogene in Cerebellar Purkinje Cells.  
*Mol. Cell. Biol.*, 9, 4545-4549.
17. Sudol, M. (1989)  
Functional Expression of the yes Proto-oncogene Protein in *Xenopus* Oocytes Injected with Chicken Cerebellar mRNA.  
*J. Neurosci. Res.*, 24, 1-8.

18. Sudol, M. (1990) Physiological Functions of the yes Proto-oncogene.  
*Exp. Med.*, 8, 94-100 [review]
19. Zhao, Y-H., Krueger, J., and Sudol, M. (1990)  
Expression of Cellular-yes Protein in Mammalian Tissues.  
*Oncogene* 5, 1629-1635.
20. Lustig, R., Sudol, M., Pfaff, D.W., and Federoff, H.J. (1991)  
Estrogenic Regulation and Sex Dimorphism of Growth-Associated Protein 43 kDa (GAP-43) Messenger RNA in the Rat.  
*Mol. Brain Res.* 11, 125-132.
21. Grandori, C., Sudol, M., and Hanafusa, H. (1991)  
c-yes Protein Kinase is Associated with a 38 KD Protein in Cerebellum.  
*Oncogene* 6, 1063-1066.
22. Krueger, J., Zhao, Y-H, Murphy, D., and Sudol, M. (1991)  
Differential Expression of p62c-yes Proto-Oncogene in Normal, Hyperplastic, and Neoplastic Human Epidermis.  
*Oncogene* 6, 933-940.
23. Zhao, Y-H., Baker, H., Walaas, I.S., and Sudol, M. (1991)  
Localization of the yes Protein in Discrete Regions of Mammalian Brain.  
*Oncogene*. 6, 1725-1733.
24. Zhao, Y-H., Sudol, M., Hanafusa, H., and Kruger, J. (1992)  
Increased Tyrosine Kinase Activity of Src During Calcium-induced Keratinocyte Differentiation.  
*Proc. Natl. Acad. Sci. USA*. 89, 8298-8302.
25. Sudol, M. (1993)  
Nonreceptor Protein Tyrosine Kinases.  
In: "**The Molecular Basis of Human Cancer**" (Eds. B.G. Neel & R. Kumar), Futura Publishing Co., New York. pp. 203-224 [review].
26. Sudol, M. Grant, S.G.N., and Maisonpierre, P. (1993)  
Proto-oncogenes and Signaling Processes in Neural Tissues.

- Neurochemistry International*** 22, 369-384 [review].
27. Walaas, I.S., Zhao, Y-H., and Sudol, M. (1993)  
Neuronal Localization of the Tyrosine-Specific Protein Kinase p62c-yes in Rat Basal Ganglia.  
***Neurochem. Res.*** 18, 43-46.
28. Sudol, M., Greulich, H., Newman, L., Sarkar, A., Sukegawa, J., and Yamamoto, T. (1993)  
A Novel Yes-Related Kinase, Yrk, is Expressed at Elevated Levels in Neural and Hematopoietic Tissues.  
***Oncogene.*** 8, 823-831.
29. Silverman, L., Sudol, M. and Resh, M.D. (1993)  
Members of the Src Family of Non-receptor Tyrosine Protein Kinases Share a Common Mechanism for Membrane Binding.  
***Cell Growth & Differentiation.*** 4, 475-482.
30. Loganzo, F., Dosik, J.S., Zhao, Y., Vidal, M.J., Nanus, D.M., Sudol, M., and Albino, A.P. (1993)  
Elevated Expression of Protein Tyrosine Kinase c-Yes, But Not c-Src, in Human Malignant Melanoma.  
***Oncogene.*** 8, 2637-2644.
31. Sargiacomo, M., Sudol, M., Tang, Z-L., and Lisanti, M. (1993)  
Signal Transducing Molecules and GPI-linked Proteins Form a Caveolin-rich Insoluble Complex in MDCK cells.  
***J. Cell Biol.*** 122, 789-807.
32. Zhao, Y-H., Uyttendaele, H., Krueger, J., Sudol, M., and Hanafusa, H. (1993)  
Inactivation of c-Yes Tyrosine Kinase by Elevation of Intracellular Calcium Levels.  
***Mol. Cell. Biol.*** 13, 7507-7514.
33. Fang, K.S., Barker, K., Sudol, M., and Hanafusa, H. (1994)  
A Transmembrane Protein-tyrosine Phosphatase Contains Spectrin-like Repeats in its Extracellular Domain.  
***J. Biol. Chem.*** 269, 14056-14063.

34. Sudol, M. (1994)  
Yes-Associated Protein (YAP65) is a Proline-Rich Phosphoprotein that Binds to the SH3 Domain of the Yes Proto-oncogene Product.  
*Oncogene* 9, 2145-2152.
35. Bork, P., and Sudol, M. (1994)  
The WW Domain: A New Signaling Site in Dystrophin?  
*Trends in Biochem. Sci.* 19, 531-533.
36. Sudol, M., Bork, P., Einbond, A., Kastury, K., Druck, T., Negrini, M., Huebner, K., and Lehman, D. (1995)  
Characterization of the Mammalian YAP (Yes-associated Protein) Gene and Its Role in Defining a Novel Protein Module, the WW Domain.  
*J. Biol. Chem.* 270, 14733-14741.
37. Chen H.I., and Sudol, M. (1995)  
The WW Domain of Yes-Associated Protein Binds a Novel Proline-Rich Ligand that Differs from the Consensus Established for SH3-Binding Modules.  
*Proc. Natl. Acad. Sci. USA.* 92, 7819-7823.
38. Sudol, M., Chen, H.I., Bougeret, C., Einbond, A., and Bork, P. (1995)  
Characterization of a Novel Protein Binding Module - the WW Domain.  
*FEBS Lett.* 369, 67-71.
39. Kim, J.I., Suk, K., Shim, E.H., Kim, S.H., Jang, J.J., Price, K., Sudol, M., and Seo, J.S. (1995)  
Tumors Induced by Deregulated Expression of SH2 and SH3 Domains of Chicken c-Yes in Transgenic Mice.  
*Mol. and Cells.* 5, 641-644.
40. Chen, H.I., and Sudol, M. (1996)  
Identification and Characterization of Protein Ligands to the WW Domain by Western Blotting.  
*Techniques in Prot. Chemistry*, 7, 3-12.
41. Einbond, A., and Sudol, M. (1996)  
Towards Prediction of Cognate Complexes Between the WW Domain and Proline-Rich Ligands.

**FEBS Lett.** 84, 1-8.

42. Garnier, L., Wills, J., Verderame, M.F., and Sudol, M. (1996)  
WW Domains and Retrovirus Budding.  
**Nature**, 381, 744-745.
43. Sudol, M. (1996)  
The WW Module Competes with the SH3 Domain?  
**Trends in Biochem. Sci.** 21, 162-163.
44. Sudol, M. (1996)  
The WW Domain Binds Polyprolines and is Involved in Human Diseases.  
**Exp. and Mol. Med.** 28, 65-69.
45. Macias, M.J., Hyvonen, M., Baraldi, E., Schultz, J., Sudol, M., Saraste, M., and Oschkinat, H. (1996)  
The Structure of the WW Domain in Complex with a Proline-rich Peptide.  
**Nature**, 382, 646-649.
46. Sudol, M. (1996)  
Structure and Function of the WW Domain.  
**Prog. in Biophys. and Mol. Biol.** 65, 113-132.
47. Ermekova, K., Chang, A., Zambrano, N., Candia, P.D., Russo, T., and Sudol, M. (1997)  
Protein Implicated in Alzheimer Disease: The Role of FE65, a New Adaptor that Binds Beta-Amyloid Precursor Protein.  
**"Molecular and Cellular Mechanisms of Neuronal Plasticity"** Ed. Ehrlich, Y., Plenum Press, New York, London, Boston pages: 161-180 [review].
48. Zambrano, N., Buxbaum, J.D., Minopoli, G., Fiore, F., de Candia, P., de Renzis, S., Faraonio, R., Sabo, S., Cheetham, J., Sudol, M., and Russo, T. (1997)  
Interaction of the Tandem PID/PTB-related Domain of FE65 with Wild Type and Mutant Alzheimer's Beta Amyloid Precursor Protein.  
**J. Biol. Chem.** 271, 6399-6405
49. Linn, H., Ermekova, K., Rentschler, S., Sparks, A., Kay, B., and Sudol, M. (1997)  
Using Molecular Repertoires to Identify High-Affinity Peptide Ligands of the WW Domain of Human and Mouse YAP.

**Biol. Chem.** 378, 531-537

50. Chen, H.I., Einbond, A., Kwak, S.J., Linn, H., Koepf, E., Peterson, S., Kelly, J. and Sudol, M. (1997)  
Characterization of the WW Domain of Human Yes-Associated Protein and Its Polyproline-containing Ligands.  
**J. Biol. Chem.** 272, 17070-17077
51. Gavva, N.R., Gavva, R., Ermekova, K., Sudol, M., and Shen, C.K.J. (1997)  
Interaction of WW Domains with Hematopoietic Transcription Factor p45/NF-E2 and RNA Polymerase II.  
**J. Biol. Chem.** 272, 24105-24108
52. Sudol, M. (1997)  
The WW Domain and its Proline-rich Ligand in Alzheimer's disease and Muscular Dystrophy.  
**Emerging Therapeutic Targets** 1, 81-84
53. Ermekova, K.S., Zambrano, N., Linn, H., Minopoli, G., Gertler, F., Russo, T., and Sudol, M. (1997)  
The WW Domain of Neural Protein FE65 Interacts with Proline-rich Motifs in Mena, the Mammalian Homolog of *Drosophila* Enabled.  
**J. Biol. Chem.** 272, 32869-32878
54. Marchetti, D., Parikh, N., Sudol, M., and Gallik, G.E (1998)  
Stimulation of the Protein Tyrosine Kinase c-Yes but not c-Src by Neurotrophins in Human Brain-Metastatic Melanoma Cells.  
**Oncogene** 16, 3253-60.
55. Sudol, M. (1998)  
From Src Homology Modules to Other Signaling Domains: Proposal of the 'Protein Recognition Code'.  
**Oncogene** 17, 1469-1474
56. Harty, R.N., Paragas, J., Sudol, M. and Palese, P. (1999)  
A Proline-rich Motif Within the Matrix Protein of VSV and Rabies Virus Interacts with WW-domains of Cellular Proteins: Implications for Viral Budding.

57. Rentschler, S., Linn, H., Deininger, K., Bedford, M.T., Espanel, X., and Sudol, M. (1999)  
The WW Domain of Dystrophin Requires EF-hands Region to Interact with Beta-dystroglycan.  
*Biol. Chem.* 380, 431-442.
58. Koepf, E.K., Petrassi, H.M., Sudol, M., and Kelly, J.W. (1999)  
WW: An Isolated Three-stranded Anti-parallel Beta-sheet Domain That Unfolds and Refolds Reversibly; Evidence for a Structured Hydrophobic Cluster in Urea and GdnHCl and a Disordered Thermal Unfolded State.  
*Protein Science* 8, 841-853.
59. Espanel, X., and Sudol, M. (1999)  
A Single Point Mutation in a Group I WW Domain Shifts Its Specificity to That of Group II WW Domains.  
*J. Biol. Chem.* 274, 17284-17289
60. Luton, F., Verges, M., Vaerman, J.P., Sudol, M., and Mostov, K.E. (1999)  
The Src Family Protein Tyrosine Kinase p62YES Controls IgA Transcytosis *in vivo*.  
*Mol. Cell.* 4, 627-632.
61. Mohler, P., Donaldson, S., Kerda, S., Boacher, R. Sudol, M., Stutts, J., and Milgram, S.L. (1999)  
Yes-associated Protein 65 Localizes p62c-yes to the Apical Compartment of Airway Epithelium by Association with EBP50.  
*J. Cell. Biol.* 147, 879-890.
62. Koepf, E.K., Petrassi, M.H., Ratnaswamy, G., Huff, M.E., Sudol, M., and Kelly, J.W. (1999)  
Characterization of the Structure and Function of W-F WW Domain Variants: Identification of a Natively Unfolded Protein that Folds Upon Ligand Binding.  
*Biochemistry*, 38, 14338-14351.
63. Kay, B.K., Williamson, M.P., and Sudol, M. (2000)  
The Importance of Being Proline: The Interaction of Proline-rich Motifs in Signalling Proteins with their Cognate Domains.

**FASEB J.** 14, 231-241.

64. Martins-Green, M., Bixby, J.L., Yamamoto, T., Graf, T., and Sudol, M. (2000) Tissue Specific-Expression of Yrk Kinase: Implications for Differentiation and Inflammation.  
*Int. J. Biochem. & Cell Biol.* 32, 351-364.
65. Summy, J.M., Guappone, A.C., Sudol, M. and Flynn, D.C. (2000) The SH3 and SH2 Domains are Capable of Directing Signaling Specificity Between the Non-receptor Tyrosine Kinases: c-Src and c-Yes.  
*Oncogene*, 19, 155-160
66. James, M., Ottersbach, K., Ilsley, J.L., Sudol, M., and Winder, S. (2000) Phosphorylation of Beta-dystroglycan on Tyrosine Regulates Its Binding to the Carboxy-terminus of Utrophin.  
*J. Cell. Sci.* 113, 1717-1726
67. Vignano, A.T., Zenzo, G., Sudol, M., Cesareni, G., and Dente, L. (2000) Contribution of Different Modules in the Utrophin Carboxy-terminal Region to the Formation and Regulation of the DAP Complex.  
*FEBS Lett.* 471, 229-234.
68. Zhang, Y.Z., Lindblom, T., Carnahan, R., Chang, A., Gould, K., Sudol, M., Sluder, A., and Golemis, E. (2000) Dim1 Regulation of mRNA Splicing is Required for Cell Cycle Progression.  
*Gene*, 257, 33-43
69. Sotgia, F., Das, K., Bedford, M., Petrucci, T.C., Macioce, P., Minetti, C., Sudol, M., and Lisanti, P. (2000) Caveolin-3 Directly Interacts with the C-terminal Tail of Beta-dystroglycan. Identification of a Central WW-like Domain Within Caveolin Family Members.  
*J. Biol. Chem.* 275, 38048-38058.
70. Huang, X., Roy, F., Zhang, R., Joachimiak, A., Sudol, M., and Eck, M.J. (2000) Recognition of a Proline Motif in Beta-dystroglycan by an "Embedded" WW Domain in Human Dystrophin. *Nature Struct. Biol.* 7, 634-638.

71. Sudol, M., and Hunter, T. (2000) NeW Wrinkles for an Old Domain.  
*Cell* 103, 1001-1004 [review].
72. Chang, A., Cheang, S., Espanel, X., and Sudol, M (2000)  
Rsp5 WW Domains Interact Directly with the Carboxy-terminal Domain of RNA  
Polymerase II.  
*J. Biol. Chem.*, 275, 20562-20571.
73. Sudol, M., Bork, P., and Chen, H. (2000)  
SH3 Kinase Domain-associated Protein, a Signaling Domain Therein, Nucleic Acids  
Encoding the Protein and the Domain, and Diagnostic and Therapeutic Uses Thereof.  
**United States Patent**, Number 6,022,7240.
74. Sudol, M., Sliwa, K., and Russo, T. (2001)  
Functions of WW Domain in Nucleus.  
*FEBS Lett.*, 490, 190-195.
75. Strano, S., Munarriz, E., Rossi, M., Cristofanelli, B., Castagnolo, L., Shaul, Y., Sacchi, A.,  
Oren, M., Sudol, M., Cesareni, G., and Blandino, G. (2001)  
Physical Interaction with Yes-associated Protein (YAP) Enhances p73 Transcriptional  
Activity.  
*J. Biol. Chem.*, 276, 15164-73.
76. Espanel, X and Sudol, M. (2001)  
Yes-associated Protein and p53-binding Protein-2 Interact Through Their WW and SH3  
domains.  
*J. Biol. Chem.*, 276, 14514-23.
77. Ilsey, J.L., Sudol, M., and Winder S.J. (2001)  
The Interaction of Dystrophin with Beta-dystroglycan is Regulated by Tyrosine  
Phosphorylation.  
*Cell Signalling*, 13, 652-632.
78. Zambrano, N., Bruni, P., Minopoli, G., Mosca, R., Molino, D., Russo, C., Schettini, G.,  
Sudol, M., and Russo, T. (2001)  
The Beta-amyloid Precursor Protein APP is Tyrosine Phosphorylated in Cells Expressing  
a Constitutively Active Form of the Abl Proto-oncogene.

- J. Biol. Chem.*, 276, 19787-19792.
79. Okazawa, H., Sudol, M., and Rich, T. (2001)  
PQBP-1(NP/PQ): A Polyglutamine Tract-binding Protein and Nuclear Inclusion-forming Protein.  
*Brain Research*, 56, 273-280.
80. Sotgia, F., Lee, H., Bedford, M., Petrucci, T., Sudol, M., and Lisanti, P. M. (2001)  
Tyrosine Phosphorylation of Beta-dystroglycan at its Extreme C-terminal PPxY Motif Recruits SH2 Domain Containing Proteins.  
*Biochemistry*, 40, 14585-92.
81. Wu, X., Chang, A., Sudol, M., and Hanes, S.D. (2001)  
Genetic Interaction Between ESS1 Prolyl-isomerase and the RSP5 Ubiquitin Ligase Reveal Opposing Effects on RNA Polymerase II Function.  
*Current Genetics* 40, 234-242
82. Sudol, M. (2002)  
WW Domains,  
*Wiley Encyclopedia of Molecular Medicine*, John Wiley & Sons, Inc. New York, Volume 5, pages 3405-3408.
83. Ilsey, J.L., Sudol, M., and Winder S.J. (2002)  
The WW Domain: Linking Cell Signalling to the Membrane Cytoskeleton.  
*Cell Signalling*, 14, 183-189
84. Aasland, R., Abrams, C., Ampe, C., Ball, L., Bedford, M., Cesarenni, G., Gimona, M., Hurley, J., Jarchau, T., Lehto, V-P., Lemmon, M., Lindling, R., Mayer, B., Nagai, M., Sudol, M., Walter, U., and Winder, S. (2002)  
Normalization of Nomenclature for Peptide Motifs as Ligands of Modular Protein Domains.  
*FEBS. Lett.*, 513, 141-144
85. Macias, M., Wiesner, S., and Sudol, M. (2002)  
WW and SH3 domains: Two Scaffolds for Proline-rich Ligands.  
*FEBS Lett.* 513, 30-37.

86. Okazawa, H., Rich, T., Chang, A., Lin, X., Waragi, M., Kajikawa, M., Shibata, M., Enokido, Y., Hatanaka, H., Mouradian, M., Sudol, M., and Kanazawa, I. (2002) Interaction Between Mutant Ataxin-1 and PQBP-1 Affects Transcription and Cell Death. *Neuron*, 34, 701-713
87. Summy, J.M., Sudol, M., Eck, M., Monteiro, N.A., Gatesman, A., and Flynn D.C. (2003) Specificity in Signaling by c-Yes. *Frontiers in Biosci.*, 8, 185-205
88. Sotgia, F., Bonuccelli, G., Bedford, M., Brancaccio, A., Wilson, M., Campos-Gonzales, R., Brooks, J., Sudol, M., and Lisanti M.P. (2003) Ligand-induced Phosphorylation of Beta-dystroglycan on Tyrosine 892. *Biochemistry* 42, 7110-7123.
89. Basu, S., Totty, N.F., Irwin, M.S., Sudol, M., and Downward, J. (2003) Akt Phosphorylates the Yes-Associated Protein YAP to Induce Interaction with 14-3-3 and Attenuation of p73-Mediated Apoptosis. *Mol. Cell* 11, 11-23.
90. Komuro, A., Nagai, M. Navin, N. and Sudol, M. (2003) WW Domain-containing Protein YAP Associates with ErbB-4 and Acts as a Co-transcriptional Activator for the Carboxy-terminal Fragment of ErbB4 that Translocates to the Nucleus. *J. Biol Chem.* 278, 33334-33341
91. Espanel, X., Navin, N., Kato, Y., Tanokura, M., and Sudol, M. (2004) Probing WW Domains to Uncover and Refine Determinants of Specificity in Ligand Recognition. *Cytotechnology* 43, 105-111.
92. Hu, H., Columbus, J., Zhang, Y., Wu, D., Lian, L., Carter, M., Davis, R., Sudol, M., Rodwell, J., and Herrero, J. (2004) A Map of WW Domain Family Interactions. *Proteomics*, 4, 643-65592.
93. Bedford, M. and Sudol, M. (2004) SH3 and WW domains. Chapter in “*Proteomics and Protein-Protein Interactions*” (Ed. Waksman, G.) Kluwer

Academic Plenum Publishers.

94. Sudol, M. (2004)  
WW Domain  
in "**Modular Protein Domains**" (Eds. Cesareni, G., Gimona, M., Sudol, M. and Yaffe, M.)  
Wiley VCH, Verlag GmbH & Co. pages 59-72.
95. Kato, Y., Nagata, K., Takahashi, M., Lian, L., Herrero, H., Sudol, M., and Tanokura M. (2004)  
Common Mechanism of Ligand Recognition by Group-II/III WW Domains—Redefining their Functional Classification.  
*J. Biol. Chem.* 279, 31833-31841.
96. Clump, D.A., Qazi, I., Sudol, M., and Flynn, D.C. (2005)  
Cellular-Yes Response to Growth Factors Activation,  
*Growth Factors*, 23, 263-272.
97. Aqeilan, R.I., Donati, V., Palamarchuk, A., Kaou, M., Trapasso, F., Pekarsky, Y., Sudol, M. and Croce, M.C. (2005)  
WW Domain-containing Proteins, WWOX and YAP Compete for Interaction with ErbB-4 and Modulate Its Transcriptional Function.  
*Cancer Res.*, 65, 6764-6772.
98. Sudol, M., Abraczinskas, J., Humbert, J., and Farooq, A. (2005)  
WW or WoW: The WW Domains in a Permanent Union of Bliss.  
*IUBMB Life*, 57, 773-778 [review].
99. Hoshino, M. Qi, M. L., Yoshimura N., Miyashita, T., Tagawa, K., Wada, Y., Enokido, Y., Marubuchi, S., Harjes P., Arai, N., Oyanagi, N., Blandino, G., Sudol, M., Rich, T., Kanazawa, I., Wanker, E.E., Saitoe, M., and Okazawa, H. (2006)  
Transcriptional Repression Induces a Slowly Progressive Atypical Neuronal Death Associated with Changes of YAP Isoforms and p73.  
*J Cell Biol.* 172, 589-604.
100. Farooq, A., Sudol, M. and Zhou, M.M. (2006)  
Two is Better Than One: Structure, Function and Mechanism of Protein Domains Operating in Tandem Repeats.  
In "**Focus on Cellular Signalling Research**", *Nova Science Publishers*, Inc., Editor

- D.T. Leeds, pages 109-129.
101. Masker, K., Golden, A., Gaffney, C., Mazack, V., Schwindinger, W., Zhang, W., Wang, L-H, Carey, DJ., and Sudol, M. (2007)  
Transcriptional Profile of Rous Sarcoma Virus Transformed Chicken Embryo Fibroblasts Reveals New Signaling Targets of Viral-src.  
*Virology*, 364, 10-20.
102. Aqeilan, R.I., Donati, V., Gaudio, E., Nicoloso, M.S., Sundvall, M, Korhonen, A., Lundin, J., Isola, J., Sudol, M., Joensuu, H., Croce, C., and Elenius, K. (2007)  
Clinical Significance of WWOX-ErbB4 Association in Breast Cancer.  
*Cancer Res.*, 67, 9330-9336
103. Kawahara, M., Hori, T., Oka, T., Sudol, M., and Uchiyama, T. (2008)  
Kpm-Lats2 is Linked to Chemo-sensitivity of Leukemic Cells Through the Stabilization of p73.  
*Blood*, 112, 3856-3866.
104. Oka, T., Mazack, V., and Sudol, M. (2008)  
Mst2 and Lats Kinases Regulate Apoptotic Function of YAP.  
*J. Biol. Chem.* 283, 27534-27546.
105. Oka, T., and Sudol, M. (2008)  
Duality of YAP: an Oncogene and the Promoter of Apoptosis.  
*Adaptor Proteins and Cancer*. (ISBN-978-81-7895-344-1), Editor: M-M. Georgescu, Transworld Research Network, pages 209-218.
106. Zagurovskaya, M. S., Shareef, M.M., Das, A., Reeves, A., Sudol, M., Bedford, M.T., Gundawar, J., Prichard, J., Mohiuddin, M., and Ahmed, M.M. (2009)  
EGR-1 Forms a Complex with YAP-1 and Upregulates Bax Expression in Irradiated Prostate Carcinoma Cells.  
Accepted for publication in *Oncogene*, 28, 1121-131.
107. Bertini, E., Oka, T., Sudol, M. Blandino, G., and Strano, S. (2009)  
YAP: At the Crossroad Between Transformation and Tumor Suppression.  
*Cell Cycle*, 8, 49-57 (review).

108. Oka, T and Sudol, M (2009)  
Nuclear Localization and Pro-apoptotic Signaling of YAP2 Require Intact PDZ-binding Motif.  
*Genes to Cells*, 14, 607-615
109. Li, X., Hyink, P., Radbill, B., Sudol, M., Zhang, H., and Wilson, P. (2009)  
siRNA Analysis of Protein Kinase X (PRKX) Effects on Renal Epithelial Cells and Embryonic Mouse Kidney Development.  
*Kidney Int.*, 76, 54-62.
110. Blandino, G., Shaul, Y., Strano, S., Sudol, M., and Yaffe, M. (2009)  
The Hippo Tumor Suppressor Pathway: A Brainstorming Workshop.  
*Sci. Signal.*, 2, 1-4.
111. Lin, Q., Wang, J., Childress, C., Sudol, M. Carey, D.J., and Yang, W. (2010)  
HECT E3 Ubiquitin Ligase Nedd4-1 Ubiquitinates ACK and Regulates EGF-induced Degradation of EGFR and ACK.  
*Mol. Cell. Biol.*, 30, 1541-1554.
112. Ehsanian, R., Brown, M, Lu, H., Yang, X., Pattatheyil, A., Yan, B., Duggal, P., Chuang, R., Feller, S., Sudol, M., Chen, Z., and Van Waes, C. (2010)  
YAP Dysregulation by Phosphorylation or Delta-Np63-mediated Gene Repression Promotes Proliferation, Survival and Migration in Head and Neck Cancer Subsets.  
*Oncogene*, 29, 6160-6171.
113. Tapia, V.E., Nicolaescu, E. McDonald, C.B., Musi, V., Oka, T., Inayoshi, Y., Satteson A.C., Mazack, V., Humbert, J., Gaffney, J.C., Beullens, M., Schwartz, C.E., Landgraf, C., Volkmer, R., Pastore, A., Farooq, A., Bollen, M., and Sudol, M. (2010).  
The Y65C Missense Mutation in the WW Domain of the Golabi-Ito-Hall Syndrome Protein PQBP1 Affects Its Binding Activity and Deregulates Pre-mRNA Splicing.  
*J. Biol. Chem.* 285, 19391-19401.
114. Sudol, M., and Harvey, K. (2010)  
The Modularity in the Hippo Signaling Pathway.  
*TiBS*, 35, 627-633.
115. Oka, T., Remue, E., Meerschaert, K., Vanloo, B., Boucherie, C., Gfeller, D., Bader, G.D., Sidhu, S., Vandekerckhove, J., Gettemans, J., Sudol, M. (2010)

Functional Complex Between YAP2 and ZO-2 is PDZ Domain Dependent, Regulates YAP2 Nuclear Localization and Signaling.

*Biochemical J*, 432, 461-72 (THIS ARTICLE WAS SELECTED BY FACULTY BIOLOGY 1000 in 2011).

116. Remue, E., Meerschaert, M., Oka, T., Boucherie, C., Vandekerckhove, J., Sudol, M., and Gettemans, J. (2010)  
TAZ Interacts with Zonula Occludens-1 and -2 proteins in a PDZ-1 Dependent Manner.  
*FEBS Lett.*, 584, 4175-4180.
117. Muramatsu, T., Imoto, I., Matsui, T., Kozaki, K., Haruki, S., Sudol, M., Shimada, Y., Kawano, T., Tsuda, H., and Inazawa, J. (2011)  
YAP is a Candidate Oncogene for Esophageal Squamous-cell Carcinoma.  
*Carcinogenesis*, 32, 389-398.
118. Sudol, M. (2010)  
Newcomers to the WW Domain-mediated Network of the Hippo Tumor Suppressor Pathway.  
*Genes and Cancer*, 1, 1115-1118.
119. McNeill, H., Blandino, G., Halder, G., Strano, S., Sudol, M., and Shaul, Y (2011)  
Second Workshop on the Hippo Tumor Suppressor Pathway - Meeting Report,  
*Cell Death & Differentiation*, 18, 1388-1390.
120. Sudol, M. (2011)  
From Rous Sarcoma Virus to Plasminogen Activator, Src Oncogene and Cancer Management.  
*Oncogene*, 30, 3003-3010.
121. Oka, T., Schmitt, A.P., and Sudol, M. (2012)  
Opposing Roles of Angiomotin Like 1 and Zona Occludens-2 on Pro-apoptotic Function of YAP.  
*Oncogene*, 31, 128-134.
122. McDonald, C., McIntosh, S., Mikles, D., Bhat, V., Deegan, B., Seldeen, K., Saeed, A., Buffa, L., Sudol, M., Nawaz, Z., Farooq, A. (2012)  
Biophysical Analysis of the Binding of WW Domains of YAP2 Transcriptional Regulator to PPXY Motifs within WBP1 and WBP2 Adaptors.

**Biochemistry**, 50, 9616-9627.

123. Pan C.Q., Sudol, M., Sheetz, M., and Low, B.C. (2012)  
Modularity and Functional Plasticity of Scaffold Proteins as P(I)acemakers in Cell Signaling.  
**Cell Signaling**, 24,2143-2165
124. McDonald CB, Buffa L, Bar-Mag T, Salah Z, Bhat V, Mikles DC, Deegan BJ, Seldeen KL, Malhotra A, Sudol M, Aqeilan RI, Nawaz Z, Farooq A. (2012)  
Biophysical Basis of the Binding of WWOX Tumor Suppressor to WBP1 and WBP2 Adaptors.  
**J. Mol. Biol.** 422, 58-74
125. Sudol, M., McDonald, C.B., and Farooq, A. (2012)  
Molecular Insights into the WW Domain of the Golabi-Ito-Hall Syndrome Protein PQBP1.  
**FEBS Letters**, 586,2795-2799.
126. Sudol, M. Shields, D., and Farooq, A., (2012)  
Structures of YAP Protein Domains Reveal Promising Targets for Development of New Cancer Drugs.  
**Seminars in Cell & Dev Biol.** 23, 827-833.
127. Sudol M, Cesareni G, Superti-Furga G, Just W. (2012)  
Special issue - Modular Protein Domains.  
**FEBS Letters**, 586, 2571.
128. Fausti, F., Di Agostino, S., Cioce, M., Bielli, P., Sette, C., Pandolfi, P.P., Oren, M., Sudol., M., Strano, S., and Blandino., G. (2013)  
ATM-kinase Enables the Functional Axis of YAP, PML and p53 to Promote Loss of Werner Protein- mediated Senescence.  
**Cell Death Differ.** 20:1498-509.
129. Gaffney, C.J., Oka, T., Mazack, V., Hilman, D., Gat, U., Muramatsu, T., Inazawa, J., Golden, A., Carey, D.J., Farooq, A., Tromp, G., Sudol, M. (2012)  
Identification, Basic Characterization and Evolutionary Analysis of Differentially Spliced mRNA Isoforms of Human YAP1 Gene.  
**Gene** 509, 215-222.

130. Sudol, M. (2012)  
WW Domains in the Heart of Smad Signaling.  
*Structure*, 20, 1619-1620
131. Sudol, M. (2012)  
YAP and Its 8 Isoforms.  
*Oncogene*, Epub Nov 19.
132. Sudol, M., Gelman, H. I., and Zhang J. (2013)  
YAP1 Uses its Modular Protein Domains and Conserved Sequence Motifs to Orchestrate Diverse Repertoires of Signaling,  
In: "**The Hippo Signaling pathway and Cancer**", Eds. Moshe Oren Yael Aylon.  
Publisher: Springer Science, New York, pages 53-70.
133. 133. Strano, S., DiAgostino, S., Fausti, F., Sudol, M., and Blandino, G. (2013)  
PML Surfs into Hippo Pathway.  
*Special PML issue of "Frontiers in Oncology"*, Editors: P.P. Pandolfi and P. Pinton.  
3:36
134. Bossuyt, W., Chen, C-L., Sudol, M., Pan, D.J., Kropp, A., and Halder, G. (2014)  
Functional Differences in the Regulation of the Hippo Pathway Between Flies and Mice.  
*Oncogene*. 33:1218-28.
135. Campbell KN, Wong JS, Gupta R, Asanuma K, Sudol M, He JC, Mundel P. (2013)  
Yes-associated protein (YAP) promotes cell survival by inhibiting proapoptotic dendrin signaling.  
*J Biol Chem*. 288; 17057-62.
136. Nallet-Staub F, Marsaud V, Li L, Gilbert C, Dodier S, Bataille V, Sudol M, Herlyn M, Mauviel A. (2014)  
Pro-invasive activity of the Hippo pathway effectors YAP and TAZ in cutaneous melanoma.  
*J Invest Dermatol*. 134:123-32
137. Fausti F, Di Agostino S, Cioce M, Bielli P, Sette C, Pandolfi PP, Oren M, Sudol M, Strano S, Blandino G. (2013)  
ATM kinase enables the functional axis of YAP, PML and p53 to ameliorate loss of

Werner protein-mediated oncogenic senescence.

**Cell Death Differ**, 20:1498-509

138. Yi C, Shen Z, Stemmer-Rachamimov A, Dawany N, Troutman S, Showe LC, Liu Q, Shimono A, Sudol M, Holmgren L, Stanger BZ, Kissil JL. (2013)

The p130 isoform of angiomotin is required for Yap-mediated hepatic epithelial cell proliferation and tumorigenesis.

**Sci Signal.** Sep 3;6(291):ra77

139. Schuchardt BJ, Bhat V, Mikles DC, McDonald CB, Sudol M, Farooq A. (2013)

Molecular origin of the binding of WWOX tumor suppressor to ErbB4 receptor tyrosine kinase.

**Biochemistry.** 52:9223-36

140. Sudol M, Yaffe MB.(2013)

Death of a Titan.

**Sci Signal.**;6(306):eg6. doi: 10.1126/scisignal.2004914.

141. Schuchardt BJ, Bhat V, Mikles DC, McDonald CB, Sudol M, Farooq A. (2014)

Molecular basis of the binding of YAP transcriptional regulator to the ErbB4 receptor tyrosine kinase.

**Biochimie.** 101:192-202.

142. Abu-Odeh M, Bar-Mag T, Huang H, Kim T, Salah Z, Abdeen SK, 143. Sudol M,

Reichmann D, Sidhu S, Kim PM, Aqeilan RI. (2014)

Characterizing WW domain interactions of tumor suppressor WWOX reveals its association with multiprotein networks.

**J Biol Chem.** 289(13):8865-80

143. Low BC, Pan CQ, Shivashankar GV, Bershadsky A, Sudol M, Sheetz M. (2014)

YAP/TAZ as mechanosensors and mechanotransducers in regulating organ size and tumor growth.

**FEBS Lett.**, 588:2663-2670.

144. Tsuijura M, Mazack V, Sudol M, Kaspar HG, Nash J, Carey DJ, Gogoi R. (2014)

Yes-Associated Protein (YAP) Modulates Oncogenic Features and Radiation Sensitivity in Endometrial Cancer.

**PLoS One.** 2014 Jun 27;9(6):e100974.

145. Spadaro D, Tapia R, Jond L, Sudol M, Fanning AS, Citi S. (2014) ZO proteins redundantly regulate the transcription factor DbpA/ZONAB. *J Biol Chem.* 2014 Jul 1. pii: jbc.M114.556449. [Epub ahead of print]
146. Ito H, Shiwaku H, Yoshida C, Homma H, Luo H, Chen X, Fujita K, Musante L, Fischer U, Frints SG, Romano C, Ikeuchi Y, Shimamura T, Imoto S, Miyano S, Muramatsu SI, Kawauchi T, Hoshino M, Sudol M, Arumughan A, Wanker EE, Rich T, Schwartz C, Matsuzaki F, Bonni A, Kalscheuer VM, Okazawa H. (2014) *In utero* gene therapy rescues microcephaly caused by Pqbp1-hypofunction in neural stem progenitor cells. *Mol Psychiatry.* Jul 29. doi: 10.1038/mp.2014.69. [Epub ahead of print]
147. Wackerhage H, Del Re DP, Judson RN, Sudol M, Sadoshima J. (2014) The Hippo signal transduction network in skeletal and cardiac muscle. *Sci Signal.* 2014 Aug 5;7(337):re4. doi: 10.1126/scisignal.2005096.