

1: Shivaprasad PV, Hohn T, Akbergenov R. Biochemical requirements for two dicer-like activities from wheat germ. *PLoS One*. 2015 Jan 23;10(1):e0116736. doi: 10.1371/journal.pone.0116736. eCollection 2015. PubMed PMID: 25615604; PubMed Central PMCID: PMC4304710.

2: Härtel C, Pagel J, Rupp J, Bendiks M, Guthmann F, Rieger-Fackeldey E, Heckmann M, Franz A, Schiffmann JH, Zimmermann B, Hepping N, von der Wense A, Wieg C, Herting E, Göpel W; German Neonatal Network. Prophylactic use of *Lactobacillus acidophilus/Bifidobacterium infantis* probiotics and outcome in very low birth weight infants. *J Pediatr*. 2014 Aug;165(2):285-289.e1. doi: 10.1016/j.jpeds.2014.04.029. Epub 2014 May 29. PubMed PMID: 24880888.

3: Hünseler C, Balling G, Röhlig C, Blickheuser R, Trieschmann U, Lieser U, Dohna-Schwake C, Gebauer C, Möller O, Hering F, Hoehn T, Schubert S, Hentschel R, Huth RG, Müller A, Müller C, Wassmer G, Hahn M, Harnischmacher U, Behr J, Roth B; Clonidine Study Group. Continuous infusion of clonidine in ventilated newborns and infants: a randomized controlled trial. *Pediatr Crit Care Med*. 2014 Jul;15(6):511-22. doi: 10.1097/PCC.0000000000000151. PubMed PMID: 24751788.

4: Höhn TJ, Grune T. The proteasome and the degradation of oxidized proteins: Part III-Redox regulation of the proteasomal system. *Redox Biol*. 2014 Jan 14;2:388-94. doi: 10.1016/j.redox.2013.12.029. eCollection 2014. Review. PubMed PMID: 24563857; PubMed Central PMCID: PMC3926120.

5: Hohn T. Plant pararetroviruses: interactions of cauliflower mosaic virus with plants and insects. *Curr Opin Virol*. 2013 Dec;3(6):629-38. doi: 10.1016/j.coviro.2013.08.014. Epub 2013 Sep 25. Review. PubMed PMID: 24075119.

6: Hohn T, Rothnie H. Plant pararetroviruses: replication and expression. *Curr Opin Virol*. 2013 Dec;3(6):621-8. doi: 10.1016/j.coviro.2013.08.013. Epub 2013 Sep 21. Review. PubMed PMID: 24063990.

7: Kumar D, Singh P, Yusuf MA, Upadhyaya CP, Roy SD, Hohn T, Sarin NB. The *Xerophyta viscosa* aldose reductase (ALDRXV4) confers enhanced drought and salinity tolerance to transgenic tobacco plants by scavenging methylglyoxal and reducing the membrane damage. *Mol Biotechnol*. 2013 Jun;54(2):292-303. doi: 10.1007/s12033-012-9567-y. PubMed PMID: 22678928.

8: Vazquez F, Hohn T. Biogenesis and Biological Activity of Secondary siRNAs in Plants. *Scientifica* (Cairo). 2013;2013:783253. doi: 10.1155/2013/783253. Epub 2013 Feb 12. Review. PubMed PMID: 24278785; PubMed Central PMCID: PMC3820352.

9: Lindman BR, Zajarias A, Madrazo JA, Shah J, Gage BF, Novak E, Johnson SN, Chakinala MM, Hohn TA, Saghir M, Mann DL. Effects of phosphodiesterase type 5 inhibition on systemic and pulmonary hemodynamics and ventricular function in patients with severe symptomatic aortic stenosis. *Circulation*. 2012 May 15;125(19):2353-62. doi: 10.1161/CIRCULATIONAHA.111.081125. Epub 2012 Mar 25. PubMed PMID: 22447809; PubMed Central PMCID: PMC3485404.

10: Scholthof KB, Adkins S, Czosnek H, Palukaitis P, Jacquot E, Hohn T, Hohn B, Saunders K, Candresse T, Ahlquist P, Hemenway C, Foster GD. Top 10 plant viruses in molecular plant pathology. *Mol Plant Pathol.* 2011 Dec;12(9):938-54. doi: 10.1111/j.1364-3703.2011.00752.x. Epub 2011 Oct 21. Review. PubMed PMID: 22017770.

11: Hohn T, Vazquez F. RNA silencing pathways of plants: silencing and its suppression by plant DNA viruses. *Biochim Biophys Acta.* 2011 Nov-Dec;1809(11-12):588-600. doi: 10.1016/j.bbagr.2011.06.002. Epub 2011 Jun 13. Review. PubMed PMID: 21683815.

12: Amin I, Hussain K, Akbergenov R, Yadav JS, Qazi J, Mansoor S, Hohn T, Fauquet CM, Briddon RW. Suppressors of RNA silencing encoded by the components of the cotton leaf curl begomovirus-betasatellite complex. *Mol Plant Microbe Interact.* 2011 Aug;24(8):973-83. doi: 10.1094/MPMI-01-11-0001. PubMed PMID: 21751853.

13: Blevins T, Rajeswaran R, Aregger M, Borah BK, Schepetilnikov M, Baerlocher L, Farinelli L, Meins F Jr, Hohn T, Pooggin MM. Massive production of small RNAs from a non-coding region of Cauliflower mosaic virus in plant defense and viral counter-defense. *Nucleic Acids Res.* 2011 Jul;39(12):5003-14. doi: 10.1093/nar/gkr119. Epub 2011 Mar 4. PubMed PMID: 21378120; PubMed Central PMCID: PMC3130284.

14: Thimm E, Hadzik B, Höhn T. Continuous venovenous hemofiltration rapidly lowers toxic metabolites in a patient with MSUD and imminent cerebral herniation. *Klin Padiatr.* 2010 Jul;222(4):264-5. doi: 10.1055/s-0030-1247508. Epub 2010 Mar 22. PubMed PMID: 20309789.

15: Hohn T. A new era for learning and safety management. *Occup Health Saf.* 2010 Jul;79(7):30, 32, 34. PubMed PMID: 20669753.

16: Thiébeauld O, Schepetilnikov M, Park HS, Geldreich A, Kobayashi K, Keller M, Hohn T, Ryabova LA. A new plant protein interacts with eIF3 and 60S to enhance virus-activated translation re-initiation. *EMBO J.* 2009 Oct 21;28(20):3171-84. doi: 10.1038/emboj.2009.256. Epub 2009 Sep 10. PubMed PMID: 19745810; PubMed Central PMCID: PMC2771092.

17: Esfandiari N, Kohi-Habibi M, Hohn T, Pooggin MM. Complete genome sequence of an Iranian isolate of Potato virus X from the legume plant *Pisum sativum*. *Virus Genes.* 2009 Aug;39(1):141-5. doi: 10.1007/s11262-009-0371-0. Epub 2009 May 31. PubMed PMID: 19484407.

18: Weinspach S, Siepermann M, Schaper J, Sarikaya-Seiwert S, Rieder H, Gerigk M, Höhn T, Laws HJ. Intracranial hemorrhage in a female leading to the diagnosis of

severe hemophilia A and Turner syndrome. *Klin Padiatr.* 2009 May-Jun;221(3):167-71. doi: 10.1055/s-0029-1220701. Epub 2009 May 12. PubMed PMID: 19437365.

19: Staginnus C, Iskra-Caruana ML, Lockhart B, Hohn T, Richert-Pöggeler KR. Suggestions for a nomenclature of endogenous pararetroviral sequences in plants. *Arch Virol.* 2009;154(7):1189-93. doi: 10.1007/s00705-009-0412-y. Epub 2009 Jun 12. PubMed PMID: 19521659.

20: Shivaprasad PV, Rajeswaran R, Blevins T, Schoelz J, Meins F Jr, Hohn T, Pooggin MM. The CaMV transactivator/viroplasmin interferes with RDR6-dependent trans-acting and secondary siRNA pathways in *Arabidopsis*. *Nucleic Acids Res.* 2008 Oct;36(18):5896-909. doi: 10.1093/nar/gkn590. Epub 2008 Sep 18. PubMed PMID: 18801846; PubMed Central PMCID: PMC2566869.

21: Pooggin MM, Fütterer J, Hohn T. Cross-species functionality of pararetroviral elements driving ribosome shunting. *PLoS One.* 2008 Feb 20;3(2):e1650. doi: 10.1371/journal.pone.0001650. PubMed PMID: 18286203; PubMed Central PMCID: PMC2241666.

22: Rajeswaran R, Sunitha S, Shivaprasad PV, Pooggin MM, Hohn T, Veluthambi K. The mungbean yellow mosaic begomovirus transcriptional activator protein transactivates the viral promoter-driven transgene and causes toxicity in transgenic tobacco plants. *Mol Plant Microbe Interact.* 2007 Dec;20(12):1545-54. PubMed PMID: 17990962.

23: Hohn T. Plant virus transmission from the insect point of view. *Proc Natl Acad Sci U S A.* 2007 Nov 13;104(46):17905-6. Epub 2007 Nov 7. PubMed PMID: 17989216; PubMed Central PMCID: PMC2084268.

24: Vogler H, Akbergenov R, Shivaprasad PV, Dang V, Fasler M, Kwon MO, Zhanybekova S, Hohn T, Heinlein M. Modification of small RNAs associated with suppression of RNA silencing by tobamovirus replicase protein. *J Virol.* 2007 Oct;81(19):10379-88. Epub 2007 Jul 18. PubMed PMID: 17634237; PubMed Central PMCID: PMC2045474.

25: Vandeschuren H, Akbergenov R, Pooggin MM, Hohn T, Gruisse W, Zhang P. Transgenic cassava resistance to African cassava mosaic virus is enhanced by viral DNA-A bidirectional promoter-derived siRNAs. *Plant Mol Biol.* 2007 Jul;64(5):549-57. Epub 2007 May 10. PubMed PMID: 17492253.

26: Noreen F, Akbergenov R, Hohn T, Richert-Pöggeler KR. Distinct expression of endogenous Petunia vein clearing virus and the DNA transposon dTph1 in two *Petunia hybrida* lines is correlated with differences in histone modification and siRNA production. *Plant J.* 2007 Apr;50(2):219-29. PubMed PMID: 17444906.

27: Ryabova LA, Pooggin MM, Hohn T. Translation reinitiation and leaky scanning in plant viruses. *Virus Res.* 2006 Jul;119(1):52-62. Epub 2005 Dec 2. Review. PubMed PMID: 16325949.

28: Hohn B, Hohn T. Single-stranded DNA plant pathogens in Eilat. *Plant Mol Biol.* 2006 May;61(1-2):357-64. PubMed PMID: 16786312.

29: Pooggin MM, Ryabova LA, He X, Fütterer J, Hohn T. Mechanism of ribosome shunting in Rice tungro bacilliform pararetrovirus. *RNA.* 2006 May;12(5):841-50. Epub 2006 Mar 23. PubMed PMID: 16556934; PubMed Central PMCID: PMC1440904.

30: Akbergenov R, Si-Ammour A, Blevins T, Amin I, Kutter C, Vanderschuren H, Zhang P, Gruisse W, Meins F Jr, Hohn T, Pooggin MM. Molecular characterization of geminivirus-derived small RNAs in different plant species. *Nucleic Acids Res.*

2006 Jan 18;34(2):462-71. Print 2006. PubMed PMID: 16421273; PubMed Central PMCID: PMC1342034.

31: Blevins T, Rajeswaran R, Shivaprasad PV, Beknazarians D, Si-Ammour A, Park HS, Vazquez F, Robertson D, Meins F Jr, Hohn T, Pooggin MM. Four plant Dicers mediate viral small RNA biogenesis and DNA virus induced silencing. *Nucleic Acids Res.* 2006;34(21):6233-46. Epub 2006 Nov 7. PubMed PMID: 17090584; PubMed Central PMCID: PMC1669714.

32: Shivaprasad PV, Akbergenov R, Trinks D, Rajeswaran R, Veluthambi K, Hohn T, Pooggin MM. Promoters, transcripts, and regulatory proteins of Mungbean yellow mosaic geminivirus. *J Virol.* 2005 Jul;79(13):8149-63. PubMed PMID: 15956560; PubMed Central PMCID: PMC1143740.

33: Guerra-Peraza O, Kirk D, Seltzer V, Veluthambi K, Schmit AC, Hohn T, Herzog E. Coat proteins of Rice tungro bacilliform virus and Mungbean yellow mosaic virus contain multiple nuclear-localization signals and interact with importin alpha. *J Gen Virol.* 2005 Jun;86(Pt 6):1815-26. PubMed PMID: 15914861.

34: Stavolone L, Villani ME, Leclerc D, Hohn T. A coiled-coil interaction mediates cauliflower mosaic virus cell-to-cell movement. *Proc Natl Acad Sci U S A.* 2005 Apr 26;102(17):6219-24. Epub 2005 Apr 18. PubMed PMID: 15837934; PubMed Central PMCID: PMC1087906.

35: Haas M, Geldreich A, Bureau M, Dupuis L, Leh V, Vetter G, Kobayashi K, Hohn T, Ryabova L, Yot P, Keller M. The open reading frame VI product of Cauliflower mosaic virus is a nucleocytoplasmic protein: its N terminus mediates its nuclear export and formation of electron-dense viroplasms. *Plant Cell.* 2005 Mar;17(3):927-43. PubMed PMID: 15746075; PubMed Central PMCID: PMC1069709.

36: Trinks D, Rajeswaran R, Shivaprasad PV, Akbergenov R, Oakeley EJ, Veluthambi K, Hohn T, Pooggin MM. Suppression of RNA silencing by a geminivirus nuclear protein, AC2, correlates with transactivation of host genes. *J Virol.* 2005 Feb;79(4):2517-27. PubMed PMID: 15681452; PubMed Central PMCID: PMC546592.

37: Pauli S, Rothnie HM, Chen G, He X, Hohn T. The cauliflower mosaic virus 35S promoter extends into the transcribed region. *J Virol.* 2004 Nov;78(22):12120-8. PubMed PMID: 15507598; PubMed Central PMCID: PMC525061.

38: Froissart R, Uzest M, Ruiz-Ferrer V, Drucker M, Hébrard E, Hohn T, Blanc S. Splicing of Cauliflower mosaic virus 35S RNA serves to downregulate a toxic gene product. *J Gen Virol.* 2004 Sep;85(Pt 9):2719-26. PubMed PMID: 15302965.

39: Ryabova L, Park HS, Hohn T. Control of translation reinitiation on the cauliflower mosaic virus (CaMV) polycistronic RNA. *Biochem Soc Trans.* 2004 Aug;32(Pt 4):592-6. PubMed PMID: 15270684.

40: Kobayashi K, Hohn T. The avirulence domain of Cauliflower mosaic virus transactivator/viroplasmin is a determinant of viral virulence in susceptible hosts. *Mol Plant Microbe Interact.* 2004 May;17(5):475-83. PubMed PMID: 15141951.

41: Pooggin M, Hohn T. Fighting geminiviruses by RNAi and vice versa. *Plant Mol Biol.* 2004 May;55(2):149-52. PubMed PMID: 15604671.

42: Park HS, Browning KS, Hohn T, Ryabova LA. Eucaryotic initiation factor 4B controls eIF3-mediated ribosomal entry of viral reinitiation factor. *EMBO J.* 2004 Mar 24;23(6):1381-91. Epub 2004 Feb 26. PubMed PMID: 14988734; PubMed Central PMCID: PMC381412.

43: Akbergenov RZh, Zhanybekova SSh, Kryldakov RV, Zhigailov A, Polimbetova NS, Hohn T, Iskakov BK. ARC-1, a sequence element complementary to an internal 18S rRNA segment, enhances translation efficiency in plants when present in the leader or intercistronic region of mRNAs. *Nucleic Acids Res.* 2004 Jan 12;32(1):239-47. Print 2004. PubMed PMID: 14718549; PubMed Central PMCID: PMC373286.

44: Stavolone L, Ragozzino A, Hohn T. Characterization of Cestrum yellow leaf curling virus: a new member of the family Caulimoviridae. *J Gen Virol.* 2003 Dec;84(Pt 12):3459-64. PubMed PMID: 14645927.

45: Stavolone L, Kononova M, Pauli S, Ragozzino A, de Haan P, Milligan S, Lawton K, Hohn T. Cestrum yellow leaf curling virus (CmYLCV) promoter: a new strong constitutive promoter for heterologous gene expression in a wide variety of crops. *Plant Mol Biol.* 2003 Nov;53(5):663-73. PubMed PMID: 15010605.

46: Richert-Pöggeler KR, Noreen F, Schwarzacher T, Harper G, Hohn T. Induction of infectious petunia vein clearing (pararetro) virus from endogenous provirus in petunia. *EMBO J.* 2003 Sep 15;22(18):4836-45. PubMed PMID: 12970195; PubMed Central PMCID: PMC212712.

47: Kobayashi K, Hohn T. Dissection of cauliflower mosaic virus transactivator/viroplasmin reveals distinct essential functions in basic virus replication. *J Virol.* 2003 Aug;77(15):8577-83. PubMed PMID: 12857928; PubMed Central PMCID: PMC165242.

48: Harper G, Richert-Pöggeler KR, Hohn T, Hull R. Detection of petunia vein-clearing virus: model for the detection of DNA viruses in plants with homologous endogenous pararetrovirus sequences. *J Virol Methods.* 2003

Feb;107(2):177-84. PubMed PMID: 12505632.

49: Pooggin M, Shivaprasad PV, Veluthambi K, Hohn T. RNAi targeting of DNA virus in plants. *Nat Biotechnol*. 2003 Feb;21(2):131-2. PubMed PMID: 12560831.

50: Hempel E, Fischer H, Gumb L, Höhn T, Krause H, Voges U, Breitwieser H, Gutmann B, Durke J, Bock M, Melzer A. An MRI-compatible surgical robot for precise radiological interventions. *Comput Aided Surg*. 2003;8(4):180-91. PubMed PMID: 15360099.

51: Okubara PA, Blechl AE, McCormick SP, Alexander NJ, Dill-Macky R, Hohn TM. Engineering deoxynivalenol metabolism in wheat through the expression of a fungal trichothecene acetyltransferase gene. *Theor Appl Genet*. 2002 Dec;106(1):74-83. Epub 2002 Sep 19. PubMed PMID: 12582873.

52: Alexander NJ, McCormick SP, Hohn TM. The identification of the *Saccharomyces cerevisiae* gene AYT1(ORF-YLL063c) encoding an acetyltransferase. *Yeast*. 2002 Dec;19(16):1425-30. PubMed PMID: 12478589.

53: Chapdelaine Y, Kirk D, Karsies A, Hohn T, Leclerc D. Mutation of capsid protein phosphorylation sites abolishes cauliflower mosaic virus infectivity. *J Virol*. 2002 Nov;76(22):11748-52. PubMed PMID: 12388736; PubMed Central PMCID: PMC136793.

54: Kobayashi K, Tsuge S, Stavolone L, Hohn T. The cauliflower mosaic virus virion-associated protein is dispensable for viral replication in single cells. *J Virol*. 2002 Sep;76(18):9457-64. PubMed PMID: 12186927; PubMed Central PMCID: PMC136477.

55: Klöti A, He X, Potrykus I, Hohn T, Fütterer J. Tissue-specific silencing of a transgene in rice. *Proc Natl Acad Sci U S A*. 2002 Aug 6;99(16):10881-6. Epub 2002 Jul 19. PubMed PMID: 12134059; PubMed Central PMCID: PMC125067.

56: Karsies A, Merkle T, Szurek B, Bonas U, Hohn T, Leclerc D. Regulated nuclear targeting of cauliflower mosaic virus. *J Gen Virol*. 2002 Jul;83(Pt 7):1783-90. PubMed PMID: 12075100.

57: Zeenko VV, Ryabova LA, Spirin AS, Rothnie HM, Hess D, Browning KS, Hohn T. Eukaryotic elongation factor 1A interacts with the upstream pseudoknot domain in the 3' untranslated region of tobacco mosaic virus RNA. *J Virol*. 2002 Jun;76(11):5678-91. PubMed PMID: 11991996; PubMed Central PMCID: PMC137018.

58: Dorokhov YL, Skulachev MV, Ivanov PA, Zvereva SD, Tjulkina LG, Merits A, Gleba YY, Hohn T, Atabekov JG. Polypyrimidine (A)-rich sequences promote cross-kingdom conservation of internal ribosome entry. *Proc Natl Acad Sci U S A*.

2002 Apr 16;99(8):5301-6. PubMed PMID: 11959981; PubMed Central PMCID: PMC122764.

59: Chen W, Provart NJ, Glazebrook J, Katagiri F, Chang HS, Eulgem T, Mauch F, Luan S, Zou G, Whitham SA, Budworth PR, Tao Y, Xie Z, Chen X, Lam S, Kreps JA, Harper JF, Si-Ammour A, Mauch-Mani B, Heinlein M, Kobayashi K, Hohn T, Dangl JL,

Wang X, Zhu T. Expression profile matrix of *Arabidopsis* transcription factor genes suggests their putative functions in response to environmental stresses. *Plant Cell*. 2002 Mar;14(3):559-74. PubMed PMID: 11910004; PubMed Central PMCID: PMC150579.

60: He X, Fütterer J, Hohn T. Contribution of downstream promoter elements to transcriptional regulation of the rice tungro bacilliform virus promoter. *Nucleic Acids Res*. 2002 Jan 15;30(2):497-506. PubMed PMID: 11788712; PubMed Central PMCID: PMC99825.

61: Ryabova LA, Pooggin MM, Hohn T. Viral strategies of translation initiation: ribosomal shunt and reinitiation. *Prog Nucleic Acid Res Mol Biol*. 2002;72:1-39. Review. PubMed PMID: 12206450.

62: Schneider R, Agol VI, Andino R, Bayard F, Cavener DR, Chappell SA, Chen JJ, Darlix JL, Dasgupta A, Donzé O, Duncan R, Elroy-Stein O, Farabaugh PJ, Filipowicz W, Gale M Jr, Gehrke L, Goldman E, Groner Y, Harford JB, Hatzglou M, He B, Hellen CU, Hentze MW, Hershey J, Hershey P, Hohn T, Holcik M, Hunter CP, Igarashi K, Jackson R, Jagus R, Jefferson LS, Joshi B, Kaempfer R, Katze M, Kaufman RJ, Kiledjian M, Kimball SR, Kimchi A, Kirkegaard K, Koromilas AE, Krug RM, Kruys V, Lamphear BJ, Lemon S, Lloyd RE, Maquat LE, Martinez-Salas E, Mathews MB, Mauro VP, Miyamoto S, Mohr I, Morris DR, Moss EG, Nakashima N, Palmenberg A, Parkin NT, Pe'ery T, Pelletier J, Peltz S, Pestova TV, Pilipenko EV, Prats AC, Racaniello V, Read GS, Rhoads RE, Richter JD, Rivera-Pomar R, Rouault T, Sachs A, Sarnow P, Scheper GC, Schiff L, Schoenberg DR, Semler BL, Siddiqui A, Skern T, Sonenberg N, Sossin W, Standart N, Tahara SM, Thomas AA, Toulmé JJ, Wilusz J, Wimmer E, Witherell G, Wormington M. New ways of initiating translation in eukaryotes. *Mol Cell Biol*. 2001 Dec;21(23):8238-46. PubMed PMID: 11710333; PubMed Central PMCID: PMC99989.

63: Tag AG, Garifullina GF, Peplow AW, Ake C Jr, Phillips TD, Hohn TM, Beremand MN. A novel regulatory gene, *Tri10*, controls trichothecene toxin production and gene expression. *Appl Environ Microbiol*. 2001 Nov;67(11):5294-302. PubMed PMID: 11679358; PubMed Central PMCID: PMC93303.

64: Park HS, Himmelbach A, Browning KS, Hohn T, Ryabova LA. A plant viral "reinitiation" factor interacts with the host translational machinery. *Cell*. 2001 Sep 21;106(6):723-33. PubMed PMID: 11572778.

65: Hebrard E, Drucker M, Leclerc D, Hohn T, Uzest M, Froissart R, Strub JM,

Sanglier S, van Dorsselaer A, Padilla A, Labesse G, Blanc S. Biochemical characterization of the helper component of Cauliflower mosaic virus. *J Virol.* 2001 Sep;75(18):8538-46. PubMed PMID: 11507199; PubMed Central PMCID: PMC115099.

66: Stavolone L, Herzog E, Leclerc D, Hohn T. Tetramerization is a conserved feature of the virion-associated protein in plant pararetroviruses. *J Virol.* 2001 Aug;75(16):7739-43. PubMed PMID: 11462048; PubMed Central PMCID: PMC115011.

67: Karsies A, Hohn T, Leclerc D. Degradation signals within both terminal domains of the cauliflower mosaic virus capsid protein precursor. *Plant J.* 2001 Aug;27(4):335-43. PubMed PMID: 11532179.

68: Rothnie HM, Chen G, Fütterer J, Hohn T. Polyadenylation in rice tungro bacilliform virus: cis-acting signals and regulation. *J Virol.* 2001 May;75(9):4184-94. PubMed PMID: 11287568; PubMed Central PMCID: PMC114164.

69: Leclerc D, Stavolone L, Meier E, Guerra-Peraza O, Herzog E, Hohn T. The product of ORF III in cauliflower mosaic virus interacts with the viral coat protein through its C-terminal proline rich domain. *Virus Genes.* 2001 Mar;22(2):159-65. PubMed PMID: 11324752.

70: Pooggin MM, Fütterer J, Skryabin KG, Hohn T. Ribosome shunt is essential for infectivity of cauliflower mosaic virus. *Proc Natl Acad Sci U S A.* 2001 Jan 30;98(3):886-91. PubMed PMID: 11158565; PubMed Central PMCID: PMC14679.

71: He X, Fütterer J, Hohn T. Sequence-specific and methylation-dependent and -independent binding of rice nuclear proteins to a rice tungro bacilliform virus vascular bundle expression element. *J Biol Chem.* 2001 Jan 26;276(4):2644-51. Epub 2000 Oct 17. PubMed PMID: 11036074.

72: Hohn T, Park HS, Guerra-Peraza O, Stavolone L, Pooggin MM, Kobayashi K, Ryabova LA. Shunting and controlled reinitiation: the encounter of cauliflower mosaic virus with the translational machinery. *Cold Spring Harb Symp Quant Biol.* 2001;66:269-76. Review. PubMed PMID: 12762028.

73: Hohn T, Corsten S, Dominguez D, Fütterer J, Kirk D, Hemmings-Mieszczak M, Pooggin M, Schärer-Hernandez N, Ryabova L. Shunting is a translation strategy used by plant pararetroviruses (Caulimoviridae). *Micron.* 2001 Jan;32(1):51-7. Review. PubMed PMID: 10900380.

74: Ryabova LA, Pooggin MM, Dominguez DI, Hohn T. Continuous and discontinuous ribosome scanning on the cauliflower mosaic virus 35 S RNA leader is controlled by short open reading frames. *J Biol Chem.* 2000 Nov 24;275(47):37278-84. PubMed PMID: 10973961.

75: Hemmings-Mieszczak M, Hohn T, Preiss T. Termination and peptide release at the upstream open reading frame are required for downstream translation on synthetic shunt-competent mRNA leaders. *Mol Cell Biol.* 2000 Sep;20(17):6212-23. PubMed PMID: 10938098; PubMed Central PMCID: PMC86096.

76: Muhitch MJ, McCormick SP, Alexander NJ, Hohn TM. Transgenic expression of the TRI101 or PDR5 gene increases resistance of tobacco to the phytotoxic effects of the trichothecene 4,15-diacetoxyscirpenol. *Plant Sci.* 2000 Aug 22;157(2):201-207.
PubMed PMID: 10960733.

77: Pooggin MM, Hohn T, Fütterer J. Role of a short open reading frame in ribosome shunt on the cauliflower mosaic virus RNA leader. *J Biol Chem.* 2000 Jun 9;275(23):17288-96. PubMed PMID: 10747993.

78: Chen L, McCormick SP, Hohn TM. Altered regulation of 15-acetyldeoxynivalenol production in *Fusarium graminearum*. *Appl Environ Microbiol.* 2000 May;66(5):2062-5. PubMed PMID: 10788382; PubMed Central PMCID: PMC101455.

79: He X, Hohn T, Fütterer J. Transcriptional activation of the rice tungro bacilliform virus gene is critically dependent on an activator element located immediately upstream of the TATA box. *J Biol Chem.* 2000 Apr 21;275(16):11799-808.
PubMed PMID: 10766804.

80: Ryabova LA, Hohn T. Ribosome shunting in the cauliflower mosaic virus 35S RNA leader is a special case of reinitiation of translation functioning in plant and animal systems. *Genes Dev.* 2000 Apr 1;14(7):817-29. PubMed PMID: 10766738; PubMed Central PMCID: PMC316492.

81: Herzog E, Guerra-Peraza O, Hohn T. The rice tungro bacilliform virus gene II product interacts with the coat protein domain of the viral gene III polyprotein. *J Virol.* 2000 Mar;74(5):2073-83. PubMed PMID: 10666237; PubMed Central PMCID: PMC111688.

82: Guerra-Peraza O, de Tapia M, Hohn T, Hemmings-Mieszczak M. Interaction of the cauliflower mosaic virus coat protein with the pregenomic RNA leader. *J Virol.* 2000 Mar;74(5):2067-72. PubMed PMID: 10666236; PubMed Central PMCID: PMC111687.

83: McCormick SP, Alexander NJ, Trapp SE, Hohn TM. Disruption of TRI101, the gene encoding trichothecene 3-O-acetyltransferase, from *Fusarium sporotrichioides*. *Appl Environ Microbiol.* 1999 Dec;65(12):5252-6. PubMed PMID: 10583973; PubMed Central PMCID: PMC91713.

84: Hemmings-Mieszczak M, Hohn T. A stable hairpin preceded by a short open reading frame promotes nonlinear ribosome migration on a synthetic mRNA leader. *RNA.* 1999 Sep;5(9):1149-57. PubMed PMID: 10496216; PubMed Central PMCID: PMC1369838.

85: Pooggin MM, Fütterer J, Skryabin KG, Hohn T. A short open reading frame terminating in front of a stable hairpin is the conserved feature in pregenomic RNA leaders of plant pararetroviruses. *J Gen Virol.* 1999 Aug;80 (Pt 8):2217-28.

PubMed PMID: 10466822.

86: Alexander NJ, McCormick SP, Hohn TM. TRI12, a trichothecene efflux pump from *Fusarium sporotrichioides*: gene isolation and expression in yeast. *Mol Gen Genet.* 1999 Jul;261(6):977-84. PubMed PMID: 10485289.

87: Proctor RH, Desjardins AE, Plattner RD, Hohn TM. A polyketide synthase gene required for biosynthesis of fumonisin mycotoxins in *Gibberella fujikuroi* mating population A. *Fungal Genet Biol.* 1999 Jun;27(1):100-12. PubMed PMID: 10413619.

88: Klöti A, Henrich C, Bieri S, He X, Chen G, Burkhardt PK, Wünn J, Lucca P, Hohn T, Potrykus I, Fütterer J. Upstream and downstream sequence elements determine the specificity of the rice tungro bacilliform virus promoter and influence RNA production after transcription initiation. *Plant Mol Biol.* 1999 May;40(2):249-66. PubMed PMID: 10412904.

89: Hohn TM, Krishna R, Proctor RH. Characterization of a transcriptional activator controlling trichothecene toxin biosynthesis. *Fungal Genet Biol.* 1999 Apr;26(3):224-35. PubMed PMID: 10361036.

90: Izaurrealde E, Kann M, Panté N, Sodeik B, Hohn T. Viruses, microorganisms and scientists meet the nuclear pore. Leysin, VD, Switzerland, February 26-March 1, 1998. *EMBO J.* 1999 Jan 15;18(2):289-96. Review. PubMed PMID: 9889185; PubMed Central PMCID: PMC1171123.

91: Leclerc D, Chapdelaine Y, Hohn T. Nuclear targeting of the cauliflower mosaic virus coat protein. *J Virol.* 1999 Jan;73(1):553-60. PubMed PMID: 9847360; PubMed Central PMCID: PMC103861.

92: Leclerc D, Burri L, Kajava AV, Mougeot JL, Hess D, Lustig A, Kleemann G, Hohn T. The open reading frame III product of cauliflower mosaic virus forms a tetramer through a N-terminal coiled-coil. *J Biol Chem.* 1998 Oct 30;273(44):29015-21. PubMed PMID: 9786907.

93: Pooggin MM, Hohn T, Fütterer J. Forced evolution reveals the importance of short open reading frame A and secondary structure in the cauliflower mosaic virus 35S RNA leader. *J Virol.* 1998 May;72(5):4157-69. PubMed PMID: 9557705; PubMed Central PMCID: PMC109645.

94: Schärer-Hernández N, Hohn T. Nonlinear ribosome migration on cauliflower mosaic virus 35S RNA in transgenic tobacco plants. *Virology.* 1998 Mar 15;242(2):403-13. PubMed PMID: 9514980.

95: Dominguez DI, Ryabova LA, Pooggin MM, Schmidt-Puchta W, Fütterer J, Hohn T. Ribosome shunting in cauliflower mosaic virus. Identification of an essential and sufficient structural element. *J Biol Chem.* 1998 Feb 6;273(6):3669-78. PubMed PMID: 9452497.

96: Trapp SC, Hohn TM, McCormick S, Jarvis BB. Characterization of the gene cluster for biosynthesis of macrocyclic trichothecenes in *Myrothecium roridum*. *Mol Gen Genet.* 1998 Feb;257(4):421-32. PubMed PMID: 9529523.

97: Alexander NJ, Hohn TM, McCormick SP. The TRI11 gene of *Fusarium sporotrichioides* encodes a cytochrome P-450 monooxygenase required for C-15 hydroxylation in trichothecene biosynthesis. *Appl Environ Microbiol.* 1998 Jan;64(1):221-5. PubMed PMID: 9435078; PubMed Central PMCID: PMC124697.

98: Hemmings-Mieszczak M, Steger G, Hohn T. Regulation of CaMV 35 S RNA translation is mediated by a stable hairpin in the leader. *RNA.* 1998 Jan;4(1):101-11. PubMed PMID: 9436912; PubMed Central PMCID: PMC1369600.

99: Chapdelaine Y, Hohn T. The cauliflower mosaic virus capsid protein: assembly and nucleic acid binding in vitro. *Virus Genes.* 1998;17(2):139-50. PubMed PMID: 9857987.

100: Fütterer J, Rothnie HM, Hohn T, Potrykus I. Rice tungro bacilliform virus open reading frames II and III are translated from polycistronic pregenomic RNA by leaky scanning. *J Virol.* 1997 Oct;71(10):7984-9. PubMed PMID: 9311892; PubMed Central PMCID: PMC192159.

101: Höhn T, Schiffer B. [Treatment of persistent pulmonary hypertension of the newborn by nitrogen monoxide inhalation]. *Kinderkrankenschwester.* 1997 Oct;16(10):422-4. German. PubMed PMID: 9397790.

102: Proctor RH, Hohn TM, McCormick SP. Restoration of wild-type virulence to Tri5 disruption mutants of *Gibberella zaeae* via gene reversion and mutant complementation. *Microbiology.* 1997 Aug;143 (Pt 8):2583-91. PubMed PMID: 9274012.

103: Schmidt-Puchta W, Dominguez D, Lewetag D, Hohn T. Plant ribosome shunting in vitro. *Nucleic Acids Res.* 1997 Jul 15;25(14):2854-60. PubMed PMID: 9207035; PubMed Central PMCID: PMC146814.

104: McCormick SP, Hohn TM. Accumulation of Trichothecenes in Liquid Cultures of a *Fusarium sporotrichioides* Mutant Lacking a Functional Trichothecene C-15 Hydroxylase. *Appl Environ Microbiol.* 1997 May;63(5):1685-8. PubMed PMID: 16535589; PubMed Central PMCID: PMC1389144.

105: Hemmings-Mieszczak M, Steger G, Hohn T. Alternative structures of the cauliflower mosaic virus 35 S RNA leader: implications for viral expression and

replication. *J Mol Biol.* 1997 Apr 18;267(5):1075-88. PubMed PMID: 9150397.

106: Keller NP, Hohn TM. Metabolic Pathway Gene Clusters in Filamentous Fungi. *Fungal Genet Biol.* 1997 Feb;21(1):17-29. PubMed PMID: 9073477.

107: Keller NP, Hohn TM. Metabolic pathway gene clusters in filamentous fungi. *Fungal Genet Biol.* 1997 Feb;21(1):17-29. Review. PubMed PMID: 9126615.

108: Dominguez DI, Hohn T, Schmidt-Puchta W. Cellular proteins bind to multiple sites of the leader region of cauliflower mosaic virus 35S RNA. *Virology.* 1996 Dec 15;226(2):374-83. PubMed PMID: 8955057.

109: Chen G, Rothnie HM, He X, Hohn T, Fütterer J. Efficient transcription from the rice tungro bacilliform virus promoter requires elements downstream of the transcription start site. *J Virol.* 1996 Dec;70(12):8411-21. PubMed PMID: 8970962; PubMed Central PMCID: PMC190930.

110: Zook M, Johnson K, Hohn T, Hammerschmidt R. Structural characterization of 15-hydroxytrichodiene, a sesquiterpenoid produced by transformed tobacco cell suspension cultures expressing a trichodiene synthase gene from *Fusarium sporotrichioides*. *Phytochemistry.* 1996 Dec;43(6):1235-7. PubMed PMID: 8987907.

111: Kiss-László Z, Hohn T. Pararetro- and retrovirus RNA: splicing and the control of nuclear export. *Trends Microbiol.* 1996 Dec;4(12):480-5. Review. PubMed PMID: 9004405.

112: Fütterer J, Hohn T. Translation in plants--rules and exceptions. *Plant Mol Biol.* 1996 Oct;32(1-2):159-89. Review. PubMed PMID: 8980479.

113: Zook M, Hohn T, Bonnen A, Tsuji J, Hammerschmidt R. Characterization of Novel Sesquiterpenoid Biosynthesis in Tobacco Expressing a Fungal Sesquiterpene Synthase. *Plant Physiol.* 1996 Sep;112(1):311-318. PubMed PMID: 12226394; PubMed Central PMCID: PMC157951.

114: Hohn T, Corsten S, Rieke S, Müller M, Rothnie H. Methylation of coding region alone inhibits gene expression in plant protoplasts. *Proc Natl Acad Sci U S A.* 1996 Aug 6;93(16):8334-9. PubMed PMID: 8710871; PubMed Central PMCID: PMC38671.

115: Fütterer J, Potrykus I, Bao Y, Li L, Burns TM, Hull R, Hohn T. Position-dependent ATT initiation during plant pararetrovirus rice tungro bacilliform virus translation. *J Virol.* 1996 May;70(5):2999-3010. PubMed PMID: 8627776; PubMed Central PMCID: PMC190159.

116: Himmelbach A, Chapdelaine Y, Hohn T. Interaction between cauliflower mosaic virus inclusion body protein and capsid protein: implications for viral assembly. *Virology.* 1996 Mar 1;217(1):147-57. PubMed PMID: 8599199.

117: McCormick SP, Hohn TM, Desjardins AE. Isolation and characterization of Tri3, a gene encoding 15-O-acetyltransferase from *Fusarium sporotrichioides*. Appl Environ Microbiol. 1996 Feb;62(2):353-9. PubMed PMID: 8593041; PubMed Central PMCID: PMC167806.

118: Zijlstra C, Schärer-Hernández N, Gal S, Hohn T. *Arabidopsis thaliana* expressing the cauliflower mosaic virus ORF VI transgene has a late flowering phenotype. Virus Genes. 1996;13(1):5-17. PubMed PMID: 8938975.

119: Hohn TM, Desjardins AE, McCormick SP. The Tri4 gene of *Fusarium sporotrichioides* encodes a cytochrome P450 monooxygenase involved in trichothecene biosynthesis. Mol Gen Genet. 1995 Jul 22;248(1):95-102. PubMed PMID: 7651333.

120: Kiss-László Z, Blanc S, Hohn T. Splicing of cauliflower mosaic virus 3S RNA is essential for viral infectivity. EMBO J. 1995 Jul 17;14(14):3552-62. PubMed PMID: 7628455; PubMed Central PMCID: PMC394423.

121: Proctor RH, Hohn TM, McCormick SP. Reduced virulence of *Gibberella zaeae* caused by disruption of a trichothecene toxin biosynthetic gene. Mol Plant Microbe Interact. 1995 Jul-Aug;8(4):593-601. PubMed PMID: 8589414.

122: Proctor RH, Hohn TM, McCormick SP, Desjardins AE. Tri6 encodes an unusual zinc finger protein involved in regulation of trichothecene biosynthesis in *Fusarium sporotrichioides*. Appl Environ Microbiol. 1995 May;61(5):1923-30. PubMed PMID: 7646028; PubMed Central PMCID: PMC167455.

123: Cane DE, Shim JH, Xue Q, Fitzsimons BC, Hohn TM. Trichodiene synthase. Identification of active site residues by site-directed mutagenesis. Biochemistry. 1995 Feb 28;34(8):2480-8. Erratum in: Biochemistry 1997 Aug 5;36(31):9636. PubMed PMID: 7873527.

124: Chen G, Müller M, Potrykus I, Hohn T, Fütterer J. Rice tungro bacilliform virus: transcription and translation in protoplasts. Virology. 1994 Oct;204(1):91-100. PubMed PMID: 8091688.

125: Rothnie HM, Reid J, Hohn T. The contribution of AAUAAA and the upstream element UUUGUA to the efficiency of mRNA 3'-end formation in plants. EMBO J. 1994 May 1;13(9):2200-10. PubMed PMID: 8187773; PubMed Central PMCID: PMC395075.

126: Fütterer J, Potrykus I, Valles Brau MP, Dasgupta I, Hull R, Hohn T. Splicing in a plant pararetrovirus. Virology. 1994 Feb;198(2):663-70. PubMed PMID: 8291247.

127: Rothnie HM, Chapdelaine Y, Hohn T. Pararetroviruses and retroviruses: a comparative review of viral structure and gene expression strategies. Adv Virus Res. 1994;44:1-67. Review. PubMed PMID: 7817872.

- 128: Braune S, Albus M, Fröhler M, Höhn T, Scheibe G. Psychophysiological and biochemical changes in patients with panic attacks in a defined situational arousal. *Eur Arch Psychiatry Clin Neurosci.* 1994;244(2):86-92. PubMed PMID: 7948059.
- 129: Hohn TM, McCormick SP, Desjardins AE. Evidence for a gene cluster involving trichothecene-pathway biosynthetic genes in *Fusarium sporotrichioides*. *Curr Genet.* 1993 Oct;24(4):291-5. PubMed PMID: 8252637.
- 130: Desjardins AE, Hohn TM, McCormick SP. Trichothecene biosynthesis in *Fusarium* species: chemistry, genetics, and significance. *Microbiol Rev.* 1993 Sep;57(3):595-604. Review. PubMed PMID: 8246841; PubMed Central PMCID: PMC372927.
- 131: Hohn TM, Desjardins AE, McCormick SP. Analysis of Tox5 gene expression in *Gibberella pulicaris* strains with different trichothecene production phenotypes. *Appl Environ Microbiol.* 1993 Aug;59(8):2359-63. PubMed PMID: 8368827; PubMed Central PMCID: PMC182291.
- 132: Cane DE, Wu Z, Proctor RH, Hohn TM. Overexpression in *Escherichia coli* of soluble aristolochene synthase from *Penicillium roqueforti*. *Arch Biochem Biophys.* 1993 Aug 1;304(2):415-9. PubMed PMID: 8346917.
- 133: De Tapia M, Himmelbach A, Hohn T. Molecular dissection of the cauliflower mosaic virus translation transactivator. *EMBO J.* 1993 Aug;12(8):3305-14. PubMed PMID: 8344266; PubMed Central PMCID: PMC413598.
- 134: Driesen M, Hohn T, Fütterer J. Enhancement of a viral CaMV promoter by insertion of a BamHI linker. *Gene.* 1993 Jul 30;129(2):309-10. PubMed PMID: 8392018.
- 135: Driesen M, Benito-Moreno RM, Hohn T, Fütterer J. Transcription from the CaMV 19 S promoter and autocatalysis of translation from CaMV RNA. *Virology.* 1993 Jul;195(1):203-10. PubMed PMID: 8317097.
- 136: Fütterer J, Kiss-László Z, Hohn T. Nonlinear ribosome migration on cauliflower mosaic virus 35S RNA. *Cell.* 1993 May 21;73(4):789-802. PubMed PMID: 8500171.
- 137: Proctor RH, Hohn TM. Aristolochene synthase. Isolation, characterization, and bacterial expression of a sesquiterpenoid biosynthetic gene (Ari1) from *Penicillium roqueforti*. *J Biol Chem.* 1993 Feb 25;268(6):4543-8. PubMed PMID: 8440737.
- 138: Cane DE, Wu Z, Oliver JS, Hohn TM. Overproduction of soluble trichodiene synthase from *Fusarium sporotrichioides* in *Escherichia coli*. *Arch Biochem Biophys.* 1993 Jan;300(1):416-22. PubMed PMID: 8424673.

139: Zijlstra C, Hohn T. Cauliflower Mosaic Virus Gene VI Controls Translation from Dicistronic Expression Units in Transgenic Arabidopsis Plants. *Plant Cell*. 1992 Dec;4(12):1471-1484. PubMed PMID: 12297640; PubMed Central PMCID: PMC160234.

140: Gordon K, Fütterer J, Hohn T. Efficient initiation of translation at non-AUG triplets in plant cells. *Plant J*. 1992 Sep;2(5):809-13. PubMed PMID: 1302633.

141: Fütterer J, Hohn T. Role of an upstream open reading frame in the translation of polycistronic mRNAs in plant cells. *Nucleic Acids Res*. 1992 Aug 11;20(15):3851-7. PubMed PMID: 1508670; PubMed Central PMCID: PMC334058.

142: Hohn TM, Desjardins AE. Isolation and gene disruption of the Tox5 gene encoding trichodiene synthase in Gibberella pulicaris. *Mol Plant Microbe Interact*. 1992 May-Jun;5(3):249-56. PubMed PMID: 1421511.

143: Gal S, Pisan B, Hohn T, Grimsley N, Hohn B. Agroinfection of transgenic plants leads to viable cauliflower mosaic virus by intermolecular recombination. *Virology*. 1992 Apr;187(2):525-33. PubMed PMID: 1546451.

144: Hohn T, Fütterer J. Transcriptional and translational control of gene expression in cauliflower mosaic virus. *Curr Opin Genet Dev*. 1992 Feb;2(1):90-6. Review. PubMed PMID: 1633431.

145: Paszkowski J, Shillito RD, Saul M, Vandak V, Hohn T, Hohn B, Potrykus I. Direct gene transfer to plants. 1984. *Biotechnology*. 1992;24:387-92. PubMed PMID: 1422047.

146: Fütterer J, Hohn T. Translation of a polycistronic mRNA in the presence of the cauliflower mosaic virus transactivator protein. *EMBO J*. 1991 Dec;10(12):3887-96. PubMed PMID: 1935908; PubMed Central PMCID: PMC453126.

147: Hohn TM, Ohlrogge JB. Expression of a fungal sesquiterpene cyclase gene in transgenic tobacco. *Plant Physiol*. 1991 Sep;97(1):460-2. PubMed PMID: 16668409; PubMed Central PMCID: PMC1081022.

148: Gal S, Pisan B, Hohn T, Grimsley N, Hohn B. Genomic homologous recombination in planta. *EMBO J*. 1991 Jun;10(6):1571-8. PubMed PMID: 2026150; PubMed Central PMCID: PMC452822.

149: Sanfaçon H, Brodmann P, Hohn T. A dissection of the cauliflower mosaic virus polyadenylation signal. *Genes Dev*. 1991 Jan;5(1):141-9. PubMed PMID: 1703507.

150: Sanfaçon H, Hohn T. Proximity to the promoter inhibits recognition of cauliflower mosaic virus polyadenylation signal. *Nature*. 1990 Jul 5;346(6279):81-4. PubMed PMID: 2366867.

151: Fütterer J, Gordon K, Sanfaçon H, Bonneville JM, Hohn T. Positive and negative control of translation by the leader sequence of cauliflower mosaic virus pregenomic 35S RNA. *EMBO J.* 1990 Jun;9(6):1697-707. PubMed PMID: 2347303; PubMed Central PMCID: PMC551872.

152: Schultze M, Jiricny J, Hohn T. Open reading frame VIII is not required for viability of cauliflower mosaic virus. *Virology*. 1990 Jun;176(2):662-4. PubMed PMID: 2345969.

153: Schultze M, Hohn T, Jiricny J. The reverse transcriptase gene of cauliflower mosaic virus is translated separately from the capsid gene. *EMBO J.* 1990 Apr;9(4):1177-85. PubMed PMID: 1691094; PubMed Central PMCID: PMC551794.

154: Keller J, Bulla R, Höhn T, Becker KW. Electron-phonon interaction in heavy-fermion systems. *Phys Rev B Condens Matter*. 1990 Feb 1;41(4):1878-1888. PubMed PMID: 9993914.

155: Bonneville JM, Sanfaçon H, Fütterer J, Hohn T. Posttranscriptional trans-activation in cauliflower mosaic virus. *Cell*. 1989 Dec 22;59(6):1135-43. PubMed PMID: 2598263.

156: Hohn TM, Plattner RD. Expression of the trichodiene synthase gene of *Fusarium sporotrichioides* in *Escherichia coli* results in sesquiterpene production. *Arch Biochem Biophys*. 1989 Nov 15;275(1):92-7. PubMed PMID: 2817906.

157: Torruella M, Gordon K, Hohn T. Cauliflower mosaic virus produces an aspartic proteinase to cleave its polyproteins. *EMBO J.* 1989 Oct;8(10):2819-25. PubMed PMID: 2684630; PubMed Central PMCID: PMC401331.

158: De Zoeten GA, Penswick JR, Horisberger MA, Ahl P, Schultze M, Hohn T. The expression, localization, and effect of a human interferon in plants. *Virology*. 1989 Sep;172(1):213-22. PubMed PMID: 2773316.

159: Fütterer J, Gordon K, Pfeiffer P, Sanfaçon H, Pisan B, Bonneville JM, Hohn T. Differential inhibition of downstream gene expression by the cauliflower mosaic virus 35S RNA leader. *Virus Genes*. 1989 Sep;3(1):45-55. PubMed PMID: 2815595.

160: Hohn TM, Plattner RD. Purification and characterization of the sesquiterpene cyclase aristolochene synthase from *Penicillium roqueforti*. *Arch Biochem Biophys*. 1989 Jul;272(1):137-43. PubMed PMID: 2544140.

161: Hohn TM, Beremand PD. Isolation and nucleotide sequence of a sesquiterpene cyclase gene from the trichothecene-producing fungus *Fusarium sporotrichioides*. *Gene*. 1989 Jun 30;79(1):131-8. PubMed PMID: 2777086.

162: Hohn TM, Beremand MN. Regulation of Trichodiene Synthase in *Fusarium*

sporotrichioides and Gibberella pulicaris (*Fusarium sambucinum*). *Appl Environ Microbiol.* 1989 Jun;55(6):1500-3. PubMed PMID: 16347944; PubMed Central PMCID: PMC202893.

163: Fütterer J, Gordon K, Bonneville JM, Sanfaçon H, Pisan B, Penswick J, Hohn T. The leading sequence of caulimovirus large RNA can be folded into a large stem-loop structure. *Nucleic Acids Res.* 1988 Sep 12;16(17):8377-90. PubMed PMID: 3419922; PubMed Central PMCID: PMC338565.

164: Fütterer J, Gordon K, Pfeiffer P, Hohn T. The instability of a recombinant plasmid, caused by a prokaryotic-like promoter within the eukaryotic insert, can be alleviated by expression of antisense RNA. *Gene.* 1988 Jul 15;67(1):141-5. PubMed PMID: 2458301.

165: Givord L, Dixon L, Rauseo-Koenig I, Hohn T. Cauliflower mosaic virus ORF VII is not required for aphid transmissibility. *Ann Inst Pasteur Virol.* 1988 Apr-Jun;139(2):227-31. PubMed PMID: 3207505.

166: Penswick J, Hübler R, Hohn T. A viable mutation in cauliflower mosaic virus, a retroviruslike plant virus, separates its capsid protein and polymerase genes. *J Virol.* 1988 Apr;62(4):1460-3. PubMed PMID: 2894473; PubMed Central PMCID: PMC253163.

167: Gordon K, Pfeiffer P, Fütterer J, Hohn T. In vitro expression of cauliflower mosaic virus genes. *EMBO J.* 1988 Feb;7(2):309-17. PubMed PMID: 16453827; PubMed Central PMCID: PMC454314.

168: Pietrzak M, Hohn T. Translation products of cauliflower mosaic virus ORF V, the coding region corresponding to the retrovirus pol gene. *Virus Genes.* 1987 Nov;1(1):83-96. PubMed PMID: 2469252.

169: Martinez-Izquierdo JA, Fütterer J, Hohn T. Protein encoded by ORF I of cauliflower mosaic virus is part of the viral inclusion body. *Virology.* 1987 Oct;160(2):527-30. PubMed PMID: 18644578.

170: Hohn TM, Paznokas JL. Purification and properties of two isozymes of pyruvate kinase from *Mucor racemosus*. *J Bacteriol.* 1987 Aug;169(8):3525-30. PubMed PMID: 3611022; PubMed Central PMCID: PMC212428.

171: Martinez-Izquierdo J, Hohn T. Cauliflower mosaic virus coat protein is phosphorylated in vitro by a virion-associated protein kinase. *Proc Natl Acad Sci U S A.* 1987 Apr;84(7):1824-8. PubMed PMID: 16593818; PubMed Central PMCID: PMC304533.

172: Hohn TM, Vanmiddlesworth F. Purification and characterization of the sesquiterpene cyclase trichodiene synthetase from *Fusarium sporotrichioides*.

Arch
Biochem Biophys. 1986 Dec;251(2):756-61. PubMed PMID: 3800398.

173: Hohn B, Balázs E, Rüegg D, Hohn T. Splicing of an intervening sequence from hybrid cauliflower mosaic viral RNA. EMBO J. 1986 Nov;5(11):2759-62. PubMed PMID: 16453719; PubMed Central PMCID: PMC1167219.

174: Paszkowski J, Pisan B, Shillito RD, Hohn T, Hohn B, Potrykus I. Genetic transformation of *Brassica campestris* var. *rapa* protoplasts with an engineered cauliflower mosaic virus genome. Plant Mol Biol. 1986 Sep;6(5):303-12. doi: 10.1007/BF00034937. PubMed PMID: 24307380.

175: Pietrzak M, Shillito RD, Hohn T, Potrykus I. Expression in plants of two bacterial antibiotic resistance genes after protoplast transformation with a new plant expression vector. Nucleic Acids Res. 1986 Jul 25;14(14):5857-68. PubMed PMID: 3016666; PubMed Central PMCID: PMC311596.

176: Grimsley N, Hohn B, Hohn T, Walden R. "Agroinfection," an alternative route for viral infection of plants by using the Ti plasmid. Proc Natl Acad Sci U S A. 1986 May;83(10):3282-6. PubMed PMID: 16593697; PubMed Central PMCID: PMC323497.

177: Dixon L, Nyffenegger T, Delley G, Martinez-Izquierdo J, Hohn T. Evidence for replicative recombination in cauliflower mosaic virus. Virology. 1986 Apr 30;150(2):463-8. PubMed PMID: 18640624.

178: Grimsley N, Hohn T, Hohn B. Recombination in a plant virus: template-switching in cauliflower mosaic virus. EMBO J. 1986 Apr;5(4):641-6. PubMed PMID: 16453678; PubMed Central PMCID: PMC1166838.

179: Dixon L, Jiricny J, Hohn T. Oligonucleotide directed mutagenesis of cauliflower mosaic virus DNA using a repair-resistant nucleoside analogue: identification of an agnogene initiation codon. Gene. 1986;41(2-3):225-31. PubMed PMID: 3519365.

180: Pietrzak M, Hohn T. Replication of the cauliflower mosaic virus: role and stability of the cloned delta 3 discontinuity sequence. Gene. 1985;33(2):169-79. PubMed PMID: 3996915.

181: Dixon LK, Hohn T. Initiation of translation of the cauliflower mosaic virus genome from a polycistronic mRNA: evidence from deletion mutagenesis. EMBO J. 1984 Dec 1;3(12):2731-6. PubMed PMID: 16453575; PubMed Central PMCID: PMC557760.

182: Paszkowski J, Shillito RD, Saul M, Mandák V, Hohn T, Hohn B, Potrykus I. Direct gene transfer to plants. EMBO J. 1984 Dec 1;3(12):2717-22. PubMed PMID: 16453573; PubMed Central PMCID: PMC557758.

183: Pfeiffer P, Laquel P, Hohn T. Cauliflower Mosaic Virus replication complexes: characterization of the associated enzymes and of the polarity of the DNA synthesized in vitro. *Plant Mol Biol.* 1984 Sep;3(5):261-70. doi: 10.1007/BF00017779. PubMed PMID: 24310510.

184: Givord L, Xiong C, Giband M, Koenig I, Hohn T, Lebeurier G, Hirth L. A second cauliflower mosaic virus gene product influences the structure of the viral inclusion body. *EMBO J.* 1984 Jun;3(6):1423-7. PubMed PMID: 16453531; PubMed Central PMCID: PMC557533.

185: Brisson N, Hohn T. Nucleotide sequence of the dihydrofolate-reductase gene borne by the plasmid R67 and conferring methotrexate resistance. *Gene.* 1984 May;28(2):271-4. PubMed PMID: 6735180.

186: Hohn TM, Lovett JS, Bracker CE. Characterization of the major proteins in gamma particles, cytoplasmic organelles in *Blastocladiella emersonii* zoospores. *J Bacteriol.* 1984 Apr;158(1):253-63. PubMed PMID: 6201474; PubMed Central PMCID: PMC215406.

187: Pfeiffer P, Laquel P, Hohn T. Search for the enzyme responsible for the reverse transcription step in cauliflower mosaic virus replication. *Adv Exp Med Biol.* 1984;179:121-5. PubMed PMID: 6084404.

188: Dixon LK, Koenig I, Hohn T. Mutagenesis of cauliflower mosaic virus. *Gene.* 1983 Nov;25(2-3):189-99. PubMed PMID: 6319236.

189: Pfeiffer P, Hohn T. Involvement of reverse transcription in the replication of cauliflower mosaic virus: a detailed model and test of some aspects. *Cell.* 1983 Jul;33(3):781-9. PubMed PMID: 6191868.

190: Lebeurier G, Hirth L, Hohn B, Hohn T. In vivo recombination of cauliflower mosaic virus DNA. *Proc Natl Acad Sci U S A.* 1982 May;79(9):2932-6. PubMed PMID: 16593187; PubMed Central PMCID: PMC346322.

191: Hohn T, Richards K, Geneviève-Lebeurier. Cauliflower mosaic virus on its way to becoming a useful plant vector. *Curr Top Microbiol Immunol.* 1982;96:194-236. Review. PubMed PMID: 6276092.

192: Honigman A, Oppenheim AB, Hohn B, Hohn T. Plasmid vectors for positive selection of DNA inserts controlled by the lambda pL promoter, repressor and antitermination function. *Gene.* 1981 Apr;13(3):289-98. PubMed PMID: 6266919.

193: Lebeurier G, Hirth L, Hohn T, Hohn B. Infectivities of native and cloned DNA of cauliflower mosaic virus. *Gene.* 1980 Dec;12(1-2):139-46. PubMed PMID: 6260583.

- 194: Hohn T, Hohn B, Lesot A, Lebeurier G. Restriction map of native and cloned cauliflower mosaic virus DNA. *Gene*. 1980 Oct;11(1-2):21-31. PubMed PMID: 7002732.
- 195: Imber R, Tsugita A, Wurtz M, Hohn T. Outer surface protein of bacteriophage lambda. *J Mol Biol*. 1980 May 25;139(3):277-95. PubMed PMID: 6449595.
- 196: Hohn T, Hohn B, Engel A, Wurtz M, Smith PR. Isolation and characterization of the host protein groE involved in bacteriophage lambda assembly. *J Mol Biol*. 1979 Apr 15;129(3):359-73. PubMed PMID: 379349.
- 197: Hohn T, Wurtz M, Engel A. Sevenfold rotational symmetry of a protein complex. *J Ultrastruct Res*. 1978 Oct;65(1):90-3. PubMed PMID: 364074.
- 198: Künzler P, Hohn T. Stages of bacteriophage lambda head morphogenesis: physical analysis of particles in solution. *J Mol Biol*. 1978 Jun 25;122(2):191-211. PubMed PMID: 682190.
- 199: Hohn T, Katsura I. Structure and assembly of bacteriophage lambda. *Curr Top Microbiol Immunol*. 1977;78:69-110. Review. PubMed PMID: 340151.
- 200: Hohn T, Wurtz M, Hohn B. Capsid transformation during packaging of bacteriophage lambdaDNA. *Philos Trans R Soc Lond B Biol Sci*. 1976 Nov 30;276(943):51-61. PubMed PMID: 13435.
- 201: Hohn T. Packaging of genomes in bacteriophages: a comparison of ssRNA bacteriophages and dsDNA bacteriophages. *Philos Trans R Soc Lond B Biol Sci*. 1976 Nov 30;276(943):143-50. PubMed PMID: 13425.
- 202: Hohn T, Morimasa T, Tsugita A. The capsid protein of bacteriophage lambda and of its prehead. *J Mol Biol*. 1976 Aug 5;105(2):337-42. PubMed PMID: 966283.
- 203: Wurtz M, Kistler J, Hohn T. Surface structure of in vitro assembled bacteriophage lambda polyheads. *J Mol Biol*. 1976 Feb 15;101(1):39-56. PubMed PMID: 1255721.
- 204: Dawson P, Hohn B, Hohn T, Skalka A. Functional empty capsid precursors produced by lambda mutant defective for late lambda DNA replication. *J Virol*. 1976 Feb;17(2):576-83. PubMed PMID: 1255849; PubMed Central PMCID: PMC515448.
- 205: Hohn T, Flick H, Hohn B. Petit lambda, a family of particles from coliphage lambda infected cells. *J Mol Biol*. 1975 Oct 15;98(1):107-20. PubMed PMID: 1104865.
- 206: Hohn B, Hohn T. Activity of empty, headlike particles for packaging of DNA of bacteriophage lambda in vitro. *Proc Natl Acad Sci U S A*. 1974 Jun;71(6):2372-6. PubMed PMID: 4601587; PubMed Central PMCID: PMC388457.

207: Hohn B, Wurtz M, Klein B, Lustig A, Hohn T. Phage lambda DNA packaging, in vitro. *J Supramol Struct.* 1974;2(2-4):302-17. PubMed PMID: 4437178.

208: Hohn T, Hohn B. A minor pathway leading to plaque-forming particles in bacteriophage lambda. Studies on the function of gene D. *J Mol Biol.* 1973 Oct 5;79(4):649-62. PubMed PMID: 4758067.

209: Zipper P, Kratky O, Herrmann R, Hohn T. An x-ray small angle study of the bacteriophages fr and R17. *Eur J Biochem.* 1971 Jan 1;18(1):1-9. PubMed PMID: 5540512.

210: Casjens S, Hohn T, Kaiser AD. Morphological proteins of phage lambda: identification of the major head protein as the product of gene E. *Virology.* 1970 Oct;42(2):496-507. PubMed PMID: 4923016.

211: Knolle P, Hohn T. R17 coat protein interaction with multi-stranded R17 RNA. *Eur J Biochem.* 1970 Sep;16(1):19-24. PubMed PMID: 5456128.

212: Hohn T, Hohn B. Structure and assembly of simple RNA bacteriophages. *Adv Virus Res.* 1970;16:43-98. Review. PubMed PMID: 4924991.

213: Hohn T. Role of RNA in the assembly process of bacteriophage fr. *J Mol Biol.* 1969 Jul 14;43(1):191-200. PubMed PMID: 4897789.

214: Hohn T. The assembly of protein particles of the RNA bacteriophage fr in absence of RNA. *Biochem Biophys Res Commun.* 1969 Jul 7;36(1):7-17. PubMed PMID: 4183698.

215: Hohn T. Studies on a possible precursor in the self assembly of the bacteriophage fr. *Eur J Biochem.* 1969 Apr;8(4):552-6. PubMed PMID: 5796142.

216: Hohn T. Selfassembly of defective particles of the bacteriophage fr. *Eur J Biochem.* 1967 Sep;2(2):152-5. PubMed PMID: 4865312.

217: Hohn T, Schaller H. Separation and chain-length determination of polynucleotides by gel filtration. *Biochim Biophys Acta.* 1967 May 30;138(3):466-73. PubMed PMID: 6036846.

218: HOHN T, POLLMANN W. [THE SEPARATION OF NUCLEIC ACID COMPONENTS WITH SEPHADEX]. *Z Naturforsch B.* 1963 Nov;18:919-22. German. PubMed PMID: 14101866.