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I. 學歷 (Education):

美國明尼蘇達大學博士 (Ph.D., University of Minnesota) 1968, 09 – 1976, 02.

國立台灣大學碩士 (M.S., National Taiwan University) 1965, 09 – 1967, 06.

國立中興大學學士 (B.S., National Chung Hsing University) 1960, 09–1964, 06.

II. 經歷 (Academic experience):

1. 國立中興大學榮譽講座教授 2014, 12 –
(Honorary chair professor, National Chung Hsing University (NCHU))
2. 國立中興大學名譽教授 2012, 01 -
(Professor emeritus, NCHU)
3. 國立中興大學昆蟲學系講座教授 2006, 01 – 2011, 07
(Chair professor, Department of Entomology, NCHU)
4. 國立中興大學昆蟲學系教授 1979, 08 – 2005, 12.
(Professor, Department of Entomology, NCHU)
5. 國立中興大學昆蟲學系副教授 1976, 02 – 1979, 07.

- (Associate professor, Department of Entomology, NCHU)
6. 國立中興大學昆蟲學系系主任 (所長) (1) 1983, 08 – 1989, 07; (2) 2002, 08 – 2005, 07.
(Chairman, Department of Entomology, NCHU)
 7. 國立中興大學農業生物科技學研究所所長 1994, 08 – 2000, 07.
(Director, Graduate Institute of Agricultural Biotechnology, NCHU)
 9. 中華昆蟲學會理事長 1993, 11 – 1995, 10
(President, Entomological Society of the Republic of China)
 10. 國科會中部貴重儀器中心主持人 1992, 08 – 1998, 12
(Director, Regional Instrumentation Center at Central Taiwan, National Science Council (NSC))

III. 受獎與榮譽 (Awards and honor):

1. 國科會傑出研究獎：1986-87; 1988-89; 1990-91 及 1992-93 等共四次。
(Distinguished Research Award, NSC): four times from 1986 to 1993)
2. 國科會優等獎: 1994 一次。
(Outstanding Research Award, NSC: 1994)
3. 國科會特約研究員: 1995-98; 1999-2002 兩次。
(Specially-contracted researcher, NSC: 1995-98; 1999-2002)
4. 國科會傑出特約研究員: 2002 – 2011
(Distinguished researcher, NSC, 2002 - 2011)
5. 美國農業榮譽學會會員 1971
(Member, The Honor Society of Agriculture, USA: Gamma Sigma Delta, April 1971)
6. 斐陶斐榮譽學會會員 1985
(Member, The Phi Kappa Phi Honor Society, June 1985)
7. 中華民國現代名人錄 1998 年版。
(Who's Who in the Republic of China, 1998)
8. 國立中興大學傑出研究教師獎 1999
(Outstanding Research Award, National Chung Hsing University, 1999)
9. 教育部技職名人獎 1999 年度。
(Who's Who in the Technological and Vocational Education, Ministry of Education, ROC, 1999)
10. 世界名人錄 2010 及 2011 年版 (The Marquis Who's Who in the World 2010 and 2011 editions)
11. 五十三年度全國性公務人員高等考試優等及格, 1964.
(National Government Employee's Higher Examination passed with merit)

in 1964)

IV. 學術著作 (Publication List):

A. 期刊論文 (Refereed journal papers) (* Denotes papers published in SCI journals)

1. **Hou, R. F.** and F. Y. Yen. 1967. Studies on a chromogenic strain of *Serratia marcescens* Bizio infecting the corn earworm, *Heliothis zea* (Boddie). J. Agric. Assoc. China 60:96-106. (in Chinese with English abstract)
- *2. **Hou, R. F.** and M. A. Brooks. 1975. Continuous rearing of the aster leafhopper, *Macrostelus fascifrons*, on a chemically defined diet. J. Insect Physiol. 21:1481-1483.
- *3. **Hou, R. F.** and M. A. Brooks. 1977. Effects of cholesterol on growth and development of the aster leafhopper, *Macrostelus fascifrons* (Stal) (Hemiptera: Deltocephalidae). Appl. Entomol. Zool. 12: 248-254.
- *4. **Hou, R. F.** and M. A. Brooks. 1978. Trace metals especially Fe⁺⁺ as dietary factors for leafhoppers. Experientia 34:465-466.
5. **Hou, R. F.** 1978. Studies on control of the white-spotted longicorn beetle, *Anoplophora macularia* (Thomson), in the coastal windbreaks. I. Artificial rearing and chemical attractants. Bull. Soc. Entomol., NCHU 13:63-72.
6. **Hou, R. F.** and J. H. Hsiao. 1978. Studies on some nutritional requirements of the diamondback moth, *Plutella xylostella* L. Proc. Natl. Sci. Counc., ROC 2:385-390.
- *7. Hsiao, J. H. and **R. F. Hou.** 1978. Artificial rearing of the diamondback moth, *Plutella xylostella* (L.), on a semi-synthetic diet. Bul. Inst. Zool., Academia Sinica 17:97-102.
- *8. **Hou, R. F.** and L. C. Lin. 1979. Artificial rearing of the rice green

leafhopper, *Nephotettix cincticeps*, on a holidic diet. *Entomologia Exp. Appl.* 25:158-164.

9. **Hou, R. F.** and J. H. Hsiao. 1979. Antimicrobial agents in a semi-synthetic diet for the diamondback moth, *Plutella xylostella* (L.) (Lepidoptera: Yponomeutidae). *Plant Protec. Bull.* 21:251-256.
10. **Hou, R. F.** 1979. Studies on control of the white-spotted longicorn beetle, *Anoplophora macularia* (Thomson), in the coastal windbreaks. II. Tunnel fumigation and factors affecting infestation. *Bull. Soc. Entomol., NCHU* 14:35-41.
11. Chen, R. S. and **R. F. Hou.** 1980. Studies on histopathology of nucleopolyhedrosis of the silkworm, *Bombyx mori* L., in Taiwan. *Natl. Sci. Council. Monthly* 8: 329-337. (in Chinese with English abstract)
12. Chao, Y. C. and **R. F. Hou.** 1980. Studies on single radial immunodiffusion for detection of nuclear polyhedrosis virus infection in *Bombyx mori*. *Natl. Sci. Council. Monthly* 8:1046-1054. (in Chinese with English abstract)
- *13. **Hou, R. F.** and Y. C. Chao. 1980. Purification of nuclear polyhedrosis virus of *Bombyx mori*. *Proc. Natl. Sci. Council., ROC* 4:411-414.
- *14. Chen, R. S. and **R. F. Hou.** 1980. Factors affecting infection of nuclear polyhedrosis virus in the silkworm, *Bombyx mori* L. I. Pathogenicity and temperature. *Bull. Soc. Entomol., NCHU* 15:271-284. (in Chinese with English abstract)
- *15. **Hou, R. F.** and R. S. Chen. 1981. The blue-green alga, *Spirulina platensis*, as a protein source for artificial rearing of *Bombyx mori* L. (Lepidoptera: Bombycidae). *Appl. Entomol. Zool.* 16:169-171.
- *16. Chen, C. C., L. L. Cheng, C. C. Kaun, and **R. F. Hou.** 1981. Studies on the intracellular yeast-like symbiote in the brown planthopper, *Nilaparvata lugens* Stal. I. Histological observations and population changes of the symbiote. *Z. angew. Entomol.* 91:321-327
- *17. Chen, C. C., L. L. Cheng, and **R. F. Hou.** 1981. Studies on the

- intracellular yeast-like symbiote in the brown planthopper, *Nilaparvata lugens* Stal. II. Effects of antibiotics and elevated temperature on the symbiotes and their host. *Z. angew. Entomol.* 92:440-449.
18. Lin, L. C. and **R. F. Hou**. 1981. Dietary requirements of *Nephotettix cincticeps* for amino acids and cholesterol. *Chinese J. Entomol.* 1:41-53.
19. Liu, H. S. and **R. F. Hou**. 1983. Electron microscopic observation on infection of nuclear polyhedrosis virus in the silkworm, *Bombyx mori*, *Proc. Natl. Sci. Council., ROC* 7:51-56.
20. Lu, K. H. and **R. F. Hou**. 1984. Histological studies on the intracellular symbiotes of the rice green leafhopper, *Nephotettix cincticeps* Uhler (Homoptera: Cicadellidae). *Bull. Soc. Entomol., NCHU* 17:15-25. (in Chinese with English abstract)
- *21. **Hou, R. F.** and R. S. Chen. 1984. The consumption and utilization of the spiral blue-green algae, *Spirulina platensis*, in artificial diets by the silkworm, *Bombyx mori* L. *Entomologia Exp. Appl.* 35:49-53.
22. **Hou, R. F.** and Y. H. Lee. 1984. Effects of high- temperature treatment on brown planthopper, *Nilaparvata lugens*, with reference to physiological roles of its yeast-like symbiotes. *Chinese J. Entomol.* 4:107-116.
- *23. **Hou, R. F.** and J. K. Chang. 1985. Cellular defense response to *Beauveria bassiana* in the silkworm, *Bombyx mori*. *Appl. Entomol. Zool.* 20:118-125.
24. Liu, H. S. and **R. F. Hou**. 1985. Studies on inhibition of nuclear polyhedrosis virus infection by an ecdysteroid-containing agent in the silkworm, *Bombyx mori* L. *Chinese J. Entomol.* 5:23-30.
25. **Hou, R. F.** and M. L. Hsiao. 1986. An improved diet for rearing the diamondback moth, *Plutella xylostella*, and its requirements for fatty acids. *Chinese J. Entomol.* 6:31-37.
- *26. **Hou, R. F.** and C. S. Chiu. 1986. Antiviral proteins in midgut of the

- silkworm, *Bombyx mori*, fed on different food sources.
Entomologia Exp. Appl. 42:3-8.
27. Lu, K. H., L. C. Tang, and **R. F. Hou**. 1987. Studies on susceptibility of the mosquito, *Culex quinquefasciatus*, to insecticides in Taiwan. Taiwan Environment Hygiene 19:87-93. (in Chinese with English abstract)
- *28. Lee, Y. H. and **R. F. Hou**. 1987. Physiological roles of a yeast-like symbiote in reproduction and embryonic development of the brown planthopper, *Nilaparvata lugens* Stal. J. Insect Physiol. 33:851-860.
- *29. **Hou, R. F.**, C. S. Chiu, and M. L. Tsai. 1988. Effects of ecdysterone on red fluorescent protein intensity in the silkworm, *Bombyx mori* L. Bull. Inst. Zool., Academia Sinica 27:1-5.
- *30. Tuan, S. J. and **R. F. Hou**. 1988. Enhancement of nuclear polyhedrosis virus infection by lecithin in the corn earworm, *Heliothis armigera*. J. Invertebr. Pathol. 52: 180-182.
- *31. **Hou, R. F.** and S. M. Chen. 1988. Mating behavior of the rice leaf folder, *Cnaphalocrocis medinalis* Guenee (Lepidoptera: Pyralidae). Appl. Entomol. Zool. 23:355-357.
32. Ma, S. W., **R. F. Hou**, and N. T. Hu. 1988. Analysis of DNA and genomic bank construction of nuclear polyhedrosis virus of the silkworm, *Bombyx mori*, isolated in Taiwan. Chinese J. Entomol. 8:73-80. (in Chinese with English abstract)
33. Lu, K. H., K. W. Chow, and **R. F. Hou**. 1988. Morphology and anatomy of the female sex pheromone gland in the rice leaf folder, *Cnaphalocrocis medinalis*. J. Agric. Fores., NCHU 37:99-106. (in Chinese with English abstract)
34. Lu, K. H. and **R. F. Hou**. 1989. Effects of some antibiotics on the rice green leafhopper, *Nephotettix cincticeps* (Homoptera: Cicadellidae). Bull. Soc. Entomol., NCHU 21:23-34. (in Chinese with English abstract)
- *35. Tuan, S. J., L. C. Tang, and **R. F. Hou**. 1989. Factors affecting

pathogenicity of NPV preparations to the corn earworm, *Heliothis armigera*. Entomophaga 34:541-549.

- *36. Tuan, S. J., L. C. Tang, and **R. F. Hou**. 1989. Control of *Heliothis armigera* in maize with a nuclear polyhedrosis virus. Appl. Entomol. Zool. 24:186-192.

- 37. Lee, P. C. and **R. F. Hou**. 1989. Factors affecting pathogenicity of *Metarhizium anisopliae* var. *anisopliae* to the smaller brown planthopper, *Laodelphax striatellus*. Plant Protec. Bull. 31:1-9. (in Chinese with English abstract).

- 38. Lee, P. C. and **R. F. Hou**. 1989. Studies on culturing and mass production of the green muscardine fungus, *Metarhizium anisopliae* var. *anisopliae*. Plant Protec. Bull. 31:10-20. (in Chinese with English abstract).

- 39. Lee, P. C. and **R. F. Hou**. 1989. Pathogenesis of *Metarhizium anisopliae* var. *anisopliae* in the smaller brown planthopper, *Laodelphax striatellus*. Chinese J. Entomol. 9:13-19. (in Chinese with English abstract).

- *40. Su, S. Y., F. K. Hsieh, and **R. F. Hou**. 1989. Effects of insect hormones on infectivity of nuclear polyhedrosis virus to primary cultured cells of *Bombyx mori*. Bull. Inst. Zool., Academia Sinica 28:275-280.

- 41. Sun, S. Y. and **R. F. Hou**. 1989. In vitro culturing of cells derived from larval ovaries of the silkworm, *Bombyx mori* L. J. Agric. Fores. NCHU 38:163-180. (in Chinese with English abstract)

- 42. Wang, C. H., **R. F. Hou**, L. C. Tang, and S. J. Lee. 1989. Ecological survey and control measures of the house fly in garbage-dump yards. Taiwan Environment Protection 3:44-71. (in Chinese with English abstract).

- *43. **Hou, R. F.** and J. C. Yang. 1990. Suppression of nuclear polyhedrosis virus infection by beta-ecdysone in the silkworm, *Bombyx mori* L. Bull. Inst. Zool., Academia Sinica 29:21-27.

- *44. Hsu, C. L., F. Chang, W. Hunter, and **R. F. Hou**. 1990. Cytological

effects of J2581 (5-ethoxy-6-ethoxy-6-[4-methoxyphenyl] methyl-1,3-benzodioxole) on spermatogenesis in the oriental fruit fly, *Dacus dorsalis* Hendel. *Comp. Biochem. Physiol.* 96C:27-31.

45. Yu, S. J., F. K. Hsieh, **R. F. Hou**, and H. T. Chu. 1990. Effects of artificial over summering time on embryogenesis and hatchability of the diapause eggs of the silkworm, *Bombyx mori* L. *Chinese J. Entomol.* 10:241-247. (in Chinese with English abstract)
46. Yu, S. J., **R. F. Hou**, F. K. Hsieh, and H.T. Chu. 1991. Comparison of sugar contents in diapausing embryos of various strains of the silkworm, *Bombyx mori* L. *Chinese J. Entomol.* 11:1-12. (in Chinese with English abstract).
47. Yu, S. J., F. K. Hsieh, **R. F. Hou**, and H. T. Chu. 1991. Effect of acid treatment on the hatchability of the *Bombyx mori* eggs at different bryonic stages. *Chinese J. Entomol.* 11:13-18. (in Chinese with English abstract).
- *48. Hu, N. T., P. R. Lin, and **R. F. Hou**. 1991. Beta-Galactosidase gene as selection marker for expression vectors of *Bombyx mori* nuclear polyhedrosis virus. *Bull Inst. Zool., Academia Sinica* 30:87-98.
49. Tu, W. J., L. C. Tang, M. H. Kuo, and **R. F. Hou**. 1991. Aggregating behavior of *Musca domestica* adults in chicken farm yard. *Chinese J. Entomol.* 11:130-139. (in Chinese with English abstract)
- *50. Cheng, L. J. and **R. F. Hou**. 1992. Factors enhancing *Bombyx mori* nuclear polyhedrosis virus infection in vitro. *J. Appl. Entomol.* 113:103-106.
- *51. Lee, S. H. and **R. F. Hou**. 1992. Establishment of a cell line derived from embryos of the diamondback moth, *Plutella xylostella*. *J. Invertebr. Pathol.* 59:174-177.
52. Tsai, Y. S., S. S. Kao, C. W. Kao, and **R. F. Hou**. 1992. Effect of insecticides on the virulence of the green muscardine fungus, *Metarhizium anisopliae* var. *anisopliae*, against the beet armyworm, *Spodoptera exigua*. *Plant Protec. Bull.* 34:216-226. (in Chinese with English abstract).

53. **Hou, R. F.** and T. M. Chou. 1993. Application of *Bacillus thuringiensis* preparations against the diamondback moth, *Plutella xylostella* (L.), in Taiwan. In "The Biopesticide *Bacillus thuringiensis* and its Applications in Developing Countries", (Salama, H. S. and E. Rached, eds.), National Research Center, Cairo, Egypt and International Development Research Center, Ottawa, Canada. pp. 167-178.
- *54. Chiuo, W. C. and **R. F. Hou.** 1993. Infection of the Asian corn borer, *Ostrinia furnacalis*, with entomopathogens under screen house conditions. *J. Appl. Entomol.* 115:246-253.
55. Tsai, Y. S., C. W. Kao, **R. F. Hou,** and S. S. Kao. 1993. Screening of fungicide-resistant isolate of *Metarhizium anisopliae* var. *anisopliae*. *Chinese J. Entomol.* 13:45-57. (in Chinese with English abstract)
- *56. Wei. L. Y., **R. F. Hou,** K. Y. Jan, and T. C. Wang. 1993. Factors affecting zero background frequency of sister-chromatid exchange in mosquito cells. *Mutagenesis* 8:179-182.
- *57. Wu, D. J. and **R. F. Hou.** 1993. Relationship between thermotolerance and heat-stable esterase in the silkworm, *Bombyx mori* (Lepidoptera: Bombycidae). *Appl. Entomol. Zool.* 28:371-377.
- *58. Hu, N. T., Y. F. Lu, Y. Hashimoto, S. Maeda, and **R. F. Hou.** 1994. The p10 gene of natural isolates of *Bombyx mori* nuclear polyhedrosis virus encodes a truncated 7,700 molecular weight protein. *J. Gen. Virol.* 75: 2085-2088.
59. Tsai, Y. S., **R. F. Hou,** S. S. Kao, and C. W. Kao. 1994. Effects of fungicides, commonly used in green onion field, on infection of the green muscardine fungus, *Metarhizium anisopliae* var. *anisopliae* against *Spodoptera exigua*. *Plant Protec. Bull.* 36:239-246. (in Chinese with English abstract)
60. Shih, W. S. and **R. F. Hou.** 1994. Ultrastructural changes in cell line from *Plutella xylostella* treated with *Bacillus thuringiensis* delta-endotoxin. *Chinese J. Entomol.* 14:471-481.

- *61. Chen, C. C., S. J. Chang, L. L. Cheng, and **R. F. Hou**. 1996. Deterrent effect of the chinaberry fruit extract on oviposition of the diamondback moth, *Plutella xylostella* L. *J. Appl. Entomol.* 120:165-169.
- *62. Chen, C. C., S. J. Chang, L. L. Cheng, and **R. F. Hou**. 1996. Effects of chinaberry fruit extract on feeding, growth and fecundity of the diamondback moth, *Plutella xylostella* L. *J. Appl. Entomol.* 120:341-345.
- *63. Chen, C. C., Y. J. Dong, L. L. Cheng, and **R. F. Hou**. 1996. Deterrent effect of neem seed kernel extract on oviposition of the Oriental fruit fly (Diptera: Tephritidae). *J. Econ. Entomol.* 89:462-466.
- *64. Hu, W. J., **R. F. Hou**, and N. S. Talekar. 1996. Pathogenicity of *Beauveria bassiana* to *Riptortus linearis* (Hemiptera:Coreidae), a pest of soybean. *Appl. Entomol. Zool.* 31:187-194.
- *65. Cheng, D. J. and **R. F. Hou**. 1996. Ultrastructure of the yeast-like symbiote in the brown planthopper, *Nilaparvata lugens* (Stal) (Homoptera: Delphacidae). *Endocytobiosis Cell Res.* 11:107-118.
66. Hwang, J. S., C. C. Hung, and **R. F. Hou**. 1996. A bioassay method of the sex pheromone of the carambola fruit borer, *Eucosima notanthes* Meyrick. *Plant Protec. Bull.* 38:119-127. (in Chinese with English abstract)
- *67. Dong, Y. J., E. B. Jang, L. L. Cheng, C. C. Chen, and **R. F. Hou**. 1997. Effect of topsoil treated with J3230 (5-propyl-1-en-3-oxy-6[1-(4-methoxyphenyl)ethyl]-1,3-benzodioxole) on reproduction of the oriental fruit fly (Diptera: Tephritidae). *J. Econ. Entomol.* 90: 535-539.
- *68. Liu, C. T., **R. F. Hou**, M. Ashida, and C. C. Chen. 1997. Effects of inhibitors of serine protease, phenoloxidase and dopa decarboxylase on the melanization of *Dirofilaria immitis* microfilariae with *Armigeres subalbatus* haemolymph in vitro. *Parasitology* 115:57-68.
69. Hung, C. C., J. S. Hwang, and **R. F. Hou**. 1997. Eclosion, mating

- and oviposition of the carambola fruit borer, *Eucosma notanthes* Meyrick. Plant Protec. Bull. 39:265-274. (in Chinese with English abstract)
70. Cheng, C. C. and **R. F. Hou**. 1997. Effects of environmental factors on survival of the entomopathogenic nematode, *Steinernema carpocapsae*. Chinese J. Entomol. 17:120-131. (in Chinese with English abstract)
71. Tuan, S. J., S. S. Kao, Y. C. Chao, and **R. F. Hou**. 1997. Investigation of pathogenicity of AcMNPV to nine lepidopteran pests in Taiwan. Chinese J. Entomol. 17:209-225. (in Chinese with English abstract)
72. Wang, S. L., **R. F. Hou**, and M. Y. Wang. 1997. Factors affecting mass production of HbsAg in M-BmN cells cultured in shaking flasks. Chinese J. Entomol. 17:197-208. (in Chinese with English abstract)
- *73. Tu, W. C., C. C. Chen, and **R. F. Hou**. 1998. Ultrastructural studies on the reproductive system of male *Aedes aegypti* (Diptera: Culicidae) infected with dengue 2 virus. J. Med. Entomol. 35:71-76.
74. **Hou, R. F.**, L. L. Cheng, and C. C. Chen. 1998. Effects of a nonsteroidal ecdysteroid agonist on survival and development of the diamondback moth, *Plutella xylostella*. Plant Protec. Bull.40:49-61.
- *75. Chao, Y. C., S. T. Lee, M. C. Chang, H. H. Chen, S. S. Chen, T. Y. Wu, F. H. Liu, E. L. Hsu, and **R. F. Hou**. 1998. A 2.9-kb noncoding nuclear RNA functions in the establishment of persistent Hz-1 viral infection. J. Virol. 72:2233-2245.
76. Cheng, C. C., L. C. Tang, and **R. F. Hou**. 1998. Efficacy of the entomopathogenic nematode, *Steinernema carpocapsae* against the Asian corn borer, *Ostrinia furnacalis*. Chinese J. Entomol. 18: 51-60. (in Chinese with English abstract)
- *77. Liu, C. T., **R. F. Hou**, and C. C. Chen. 1998. Formation of basement membrane-like structure terminates the cellular encapsulation of

microfilariae in the haemocoel of *Anophiles quadrimaculatus*.
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- *78. Cheng, D. J. and **R. F. Hou**. 1998. Cellular changes of the yeast-like endocytobiont in the brown planthopper, *Nilaparvata lugens* (Stal), after high-temperature treatment. *Endocytobiosis Cell Res.* 12:177-183.
- *79. Tang, L. C. and **R. F. Hou**. 1998. Potential application of the entomopathogenic fungus, *Nomuraea rileyi*, to control of the corn earworm, *Helicoverpa armigera*. *Entomologia Exp. Appl.* 88:25-30.
80. Lin, S. S., **R. F. Hou**, C. H. Huang, and S. D. Yeh. 1998. Characterization of *zucchini yellow mosaic virus* (ZYMV) isolates collected from different areas of Taiwan by host reactions, serology, and RT-PCR. *Plant Protec. Bull.* 40: 163-176.
81. Hung, C. C., J. S. Hwang, and **R. F. Hou**. 1998. Artificial diet of macadamia nut borer (*Cryptophlebia ombrodelta* (Lower)), and its eclosion and mating behavior. *Plant Protec. Bull.* 40:297-307. (in Chinese with English abstract)
- *82. Wu, L. S. H., G. H. H. Hong, **R. F. Hou**, and J. T. C. Tzen. 1999. Classification of the single oleosin isoform and characterization of seed oil bodies in gymnosperms. *Plant Cell Physiol.* 40:326-334.
- *83. Tang, L. C., D. J. Cheng, and **R. F. Hou**. 1999. Virulence of the entomopathogenic fungus, *Nomuraea rileyi*, to various larval stages of the corn earworm, *Helicoverpa armigera* (Lepidoptera: Noctuidae). *Appl. Entomol. Zool.* 34: 399-403.
84. Tuan, S. J., S. S. Kao, D. J. Cheng, **R. F. Hou**, and Y. C. Chao. 1999. Comparison of the characterization and pathogenesis of three lepidopteran nucleopolyhedroviruses (HearNPV, SpeiNPV and SpltNPV) isolated from Taiwan. *Chinese J. Entomol.* 19:167-186. (in Chinese with English abstract)
85. Cheng, C. C., L. C. Tang, and **R. F. Hou** 1999. Characteristics of a paste formulation containing entomopathogenic nematode, *Steinernema carpocapsae* (Nematoda: Steinernematidae) and its application for control of the Asian corn

- borer, *Ostrinia furnacalis* (Lepidoptera: Pyralidae). Chinese J. Entomol. 19: 265-277. (in Chinese with English abstract)
86. Hung, C. C., J. S. Hwang, and **R. F. Hou**. 1999. Comparison of bioassay methods for attractiveness of sex pheromone components to carambola fruit borer, *Eucosma notanthes* Myerick. Plant Protec. Bull. 41: 165-177. (in Chinese with English abstract)
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D. 專利 (Patent)

Title: Production of hepatitis B surface antigen in silkworm cell line and body using BmNPV.

Patent period: September 1, 1991-August 31, 2006

Patent No.: Invention No. 50644, Taiwan, ROC