

PERSONAL DATA

Name : Safaa M. Ghassan Kumari
Birthday : June 19, 1963
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EDUCATION

High school

1978-1981 : Baccalaureate, scientific section, Aleppo, Syria.

College

1982-1985 : B.SC. Aleppo University, Faculty of Agriculture, Syria. Degree conferred August 1985.

1990-1991 : Diploma of higher studies, Damascus University, Faculty of Agriculture, Department of Plant Protection, Syria. Degree conferred November 1991.

1992-1994 : Master of Science, Tishreen University, Faculty of Agriculture, Departemnt of Plant Protection, Syria. Thesis title ***A STUDY ON SEED-BORNE VIRUSES OF LENTIL IN SYRIA "distribution, economic losses, detection, seed transmission rate and thermal treatment of seed as a control measure"***. Under the supervision of both Dr. Khaled Makkouk from ICARDA and Dr. Imad Ismail from the Faculty of Agriculture, Tishreen University. Degree conferred July 1994, with honours (96/100).

1996-2002 : Ph.D., Aleppo University, Faculty of Agriculture, Departemnt of Plant Protection, Syria. Thesis title ***"An Study on Luteoviruses Affecting Cool-Season Food Legumes"***. Under the supervision of both Dr. Khaled Makkouk from ICARDA and Dr. Bassam Bayaa from the Faculty of Agriculture, Aleppo University. Degree conferred July 2002, with honours (97/100).

WORK EXPERIENCE

1987 -2003 : Research Technician (1987-1992), Research Assistant (1992-2002), Research Associate (2002-2003) in the virology Lab, ICARDA, Aleppo, Syria, Working on legume and cereal viruses: survey for virus diseases in West Asia and North Africa region (WANA), detection, host range, crop losses, screening, transmission, control, serology, production of antisera, preparation of diagnostic kits for the detection of specific cereal and legume viruses and use a variety serological techniques.

2003-present : Plant Virologist/ Manager of the Virology Lab, ICARDA, Aleppo, Syria

AWARDS

- Ñ Award of the best research work for a graduate student (financial + certificate) in Fourth Arab Congress of Plant Protection, Cairo, Egypt, December 1-5, 1991. The presentation was entitled "**Pea seed-borne mosaic virus: host range, purification, serology, transmission characteristic and occurrence in West Asia and North Africa**".
- Ñ Award of the the best junior scientist of the year (1999) at ICARDA. (ICARDA staff of the year for 1999).

FELLOWSHIPS

- Received a fellowship from the British Council and spent three months as a Visiting Researcher at the Scottish Crop Research Institute, Dundee, Scotland from July 29 until October 25, 1997, working in the lab. of Dr. Mike Mayo with the participation of Drs. Lesely Torrance and Angelika Ziegler on **cloning and expression of recombinant antibody (scFv) genes**.
- Received a fellowship from the ICPP98 Bursary and Assistance Funds, UK to attend the 7th International Congress of Plant Pathology which held in Edinburgh, Scotland, August 9-16, 1998.
- Received a fellowship from the GRDC and ACIAR, Australia to attend the 6th Australasian Plant Virology Workshop, Gold Coast, Queensland, August 30 – September 2, 2004, and visit pulse virus research programs in New South Wales, Victoria and West Australia.
- Received a fellowship from the the Grains Research & Development Corporation (GRDC), Australia and will be spent three months as a Visiting Scientist at Knoxfield Center, Melbourne, Australia from July 17 until October 15, 2005, working on "**Development of rapid diagnostics for identification and differentiation of endemic and exotic yellowing viruses in faba bean**".
- Received a fellowship from the the Grains Research & Development Corporation (GRDC), Australia and will be spent 6 weeks as a Visiting Scientist at QDAFF, Brisbane, Australia from May 4 – June 14, 2014, **to improve diagnostic tools to accurately identify of luteoviruses that affect pulses both in Australia and the region that ICARDA serves (Central, West Asia and North Africa**

MEMBERSHIP IN PROFESSIONAL COMMITTEES

- Arab Journal of Plant Protection; Assistant Editor (1996 – 2003); Associate Editor (2003-present)
- Arab and Near East Plant Protection Newsletter, A Newsletter Published by the Arab Society for Plant Protection and FAO; Assistant Editor (1996 - 2003); Editorial Board (2003-2013)
- Chairperson of the Publication Committee of the Arab Society for Plant Protection (2004 – 2009).
- Chairperson of Translation Committee of the Arab Society for Plant Protection (2010-present)
- Mediterranean Phytopathological Union (MPU), Editor of MPU Newsletter (2006-2009)
- West Asian Representative of the International Plant Virus Epidemiology Working Group (2007-2010)

SUPERVISION OF THESIS RESEARCH

Over the past 10 years I guided 7 M.Sc. & 6 Ph.D. graduate students to conduct their thesis research in my laboratory; and trained more than 300 individual trainees from different counties of CWANA, either at the Virology Lab of ICARDA or in collaboration with NARS (in country).

PROFESSIONAL ASSOCIATIONS

- Arab Society for Plant Protection
- Australasian Plant Pathology Society
- International Working Group on Legume Viruses.
- International Plant Virus Epidemiology Working Group
- Mediterranean Phytopathological Union
- Syndicate of Agricultural Engineers

REFERENCES

- Dr. Khaled Makkouk, CNRS, Riad El-Solh, P.O. Box 11-8281, 11072260, Beirut, Lebanon. Telephone: Work: +961-1-840260 (ext 414), Home: +961-1646658, Mobile: +961-3-942081; Fax +961-1-822639; E-mail: Khaled.makkouk@cnrs.edu.lb
- Lukas Brader, Grote Molenweg 106, 3020 Herent, BELGIUM, Tel: 016 228688; E-mail: brader.lukas@skynet.be
- Mr. Joop A.G. van Leur, Senior Pulse Pathologist, NSW Department of Primary Industries, Tamworth Agricultural Institute, RMB 944, Tamworth 2340; Direct phone +61 2 6763 1204; Fax +61 2 6763 1222; Email: joop.vanleur@dpi.nsw.gov.au

PUBLICATIONS

A. PAPERS IN REFEREED JOURNALS

28 papers were published in Arab Journal of Plant Protection

1. Makkouk, K.M., L. Bos, O.I. Azzam, **S. Kumari** and A. Rizkallah. 1988. Survey of viruses affecting faba bean in six Arab countries. Arab Journal of Plant Protection 6:53-61.
2. Makkouk, K.M., **S.G. Kumari** and L. Bos. 1990. Broad bean wilt virus: host range, purification, serology, transmission characteristics, and occurrence in faba bean in West Asia and North Africa. Netherlands Journal of Plant Pathology 96:291-300.
3. Makkouk, K.M., **S.G. Kumari** and A. Shehadeh. 1992. Seed transmission of pea seed-borne mosaic virus in *Lathyrus* and *Vicia* forage legume species. Journal of Plant Diseases and Protection 99 (6): 561-563.
4. Makkouk, K.M., **S.G. Kumari** and R. Al-Daoud. 1992. Survey of viruses affecting lentil (*Lens culinaris* Med.) in Syria. Phytopathologia Mediterranea, 31:188-190.
5. Makkouk, K.M., H.T. Hus and **S.G. Kumari**. 1993. Detection of three plant viruses by Dot-Blot and Tissue-Blot immunoassays using chemiluminescent and chromogenic substrates. Journal of Phytopathology, 139:97-102.
6. Makkouk, K.M., **S.G. Kumari** and L. Bos. 1993. Pea seed-borne mosaic virus: occurrence in faba bean (*Vicia faba* L.) and lentil (*Lens culinaris* Med.) in West Asia and North Africa, and further information on host range, purification, serology and transmission characteristics. Netherlands Journal of Plant Pathology, 99:115-124.
7. **Kumari, S.G.**, K.M. Makkouk and I.D. Ismail. 1993. Survey of seed-borne viruses in lentil in Syria and their effects on lentil yield. Arab Journal of Plant Protection, 11(1):28-32.
8. **Kumari, S.G.** and K.M. Makkouk. 1993. Evaluation of different ELISA procedures for the detection of pea seed-borne mosaic potyvirus and broad bean stain comovirus in lentil leaf extracts. Arab Journal of Plant Protection, 11(2):86-91.

9. Makkouk, K.M., L. Rizhallah, M. Madkour, M. El-Sherbeeny, **S.G. Kumari**, A. W. Amriti and M.B. Solh. 1994. Survey of faba bean (*Vicia faba* L.) for viruses in Egypt. *Phytopathologia Mediterranea*, 33: 207-211.
10. Makkouk, K.M. and **S.G. Kumari**. 1995. Transmission of broad bean stain comovirus and broad bean mottle bromovirus by weevils in Syria. *Journal of Plant Diseases and Protection*, 102(2):136-139.
11. **Kumari, S.G.** and K.M. Makkouk. 1995. Variability among twenty lentil genotypes in seed transmission rates and yield loss induced by pea seed-borne mosaic potyvirus infection. *Phytopathologia Mediterranea*, 34: 129-132.
12. Makkouk, K.M., G. Dafalla, M. Hussein and **S.G. Kumari**. 1995. The natural occurrence of chickpea chlorotic dwarf geminivirus in chickpea and faba bean in the Sudan. *Journal of Phytopathology*, 143: 465-466.
13. Horn, N.M., K.M. Makkouk, **S.G. Kumari**, J.F.J.M. Van Den Heuvel and D.V.R. Reddy. 1995. Survey of chickpea (*Cicer arietinum* L.) for chickpea stunt disease and associated viruses in Syria, Turkey and Lebanon. *Phytopathologia Mediterranea*, 34:192-198.
14. Makkouk, K.M. and **S.G. Kumari**. 1995. Screening and selection of faba bean (*Vicia faba* L.) germplasm for resistance to bean yellow mosaic potyvirus. *Journal of Plant Diseases and Protection*, 102(5): 461-466.
15. Makkouk, K.M. and **S.G. Kumari**. 1996. Detection of ten viruses by the tissue-blot immunoassay (TBIA). *Arab Journal of Plant Protection*, 14(1): 3-9.
16. **Kumari, S.G.** and K.M. Makkouk. 1996. Inactivation of broad bean stain comovirus in lentil seeds by dry heat treatment. *Phytopathologia Mediterranea*, 35: 124-126.
17. **Kumari, S.G.**, K.M. Makkouk and I.D. Ismail. 1996. Variation among isolates of two viruses affecting lentils: their effect on yield and seed transmissibility. *Arab Journal of Plant Protection*, 14(2): 81-85.
18. Makkouk, K.M., V. Damsteegt, G.R. Johnstone, L. Katul, D.-E. Lesemann and **S.G. Kumari**. 1997. Identification and some properties of soybean dwarf luteovirus affecting lentil in Syria. *Phytopathologia Mediterranea*, 36:135-144.
19. Bayaa, B., **S.G. Kumari**, A. Akkaya, W. Erskine, K.M. Makkouk, Z. Turk and I. Ozberk. 1998. Survey of major biotic stresses of lentil in South-East Anatolia, Turkey. *Phytopathologia Mediterranea*, 37:88-95.
20. Makkouk, K.M. and **S.G. Kumari**. 1998. Further serological characterization of two tobnavirus isolates from Algeria and Libya. *Pakistan Journal of Biological Sciences*, 1(4):303-306.
21. Makkouk, K.M., H.S. Bahamish, **S.G. Kumari** and A. Lotf. 1998. Major viruses affecting faba bean (*Vicia faba* L.) in Yemen. *Arab Journal of Plant Protection*, 16(2): 98-101.
22. Makkouk, K.M., **S.G. Kumari** and Bassam Bayaa. 1999. First report of pea enation mosaic virus affecting lentil (*Lens culinaris* Medik.) in Syria. *Plant Disease*, 83(3):303.
23. Tadesse, N., K. Ali, D. Gorfu, A. Abraham, A. Lencho, M. Ayalew, A. Yusuf, K.M. Makkouk and **S.G. Kumari**. 1999. First report of soybean dwarf virus infecting lentil and beet western yellows virus infecting lentil and chickpea crops in Ethiopia. *Plant Disease*, 83: 589.
24. Tadesse, N., K. Ali, D. Gorfu, A. Abraham, A. Lencho, M. Ayalew, A. Yusuf, K.M. Makkouk and **S.G. Kumari**. 1999. Survey for chickpea and lentil virus diseases in Ethiopia. *Phytopathologia Mediterranea*, 38:149-158.
25. Najar, A., K.M. Makkouk and **S.G. Kumari**. 2000. First record of *Barley yellow striate mosaic virus*, *Barley stripe mosaic virus*, and *Wheat dwarf virus* infecting cereal crops in Tunisia. *Plant Disease*, 84: 1045.

26. Najar, A., K. M. Makkouk and **S.G. Kumari**. 2000. First record of *Faba bean necrotic yellows virus* and *Beet western yellows virus* infecting faba bean in Tunisia. *Plant Disease*, 84: 1046.
27. Najar, A., K.M. Makkouk, H. Boudhir, **S.G. Kumari**, R. Zarouk, R. Bessai and F. Ben Othman. 2000. Viral diseases of cultivated legume and cereal crops in Tunisia. *Phytopathologia Mediterranea*, 39:423-432.
28. Makkouk, K.M., W. Ghulam and **S.G. Kumari**. 2001. First report of *Barley yellow striate mosaic virus* infecting barley and wheat in Lebanon. *Plant Disease*, 85: 446.
29. Makkouk, K.M., M.A. El-Muadhidi and **S.G. Kumari**. 2001. First record of beet western yellows, chickpea chlorotic dwarf and faba bean necrotic yellows viruses affecting faba bean (*Vicia faba* L.) crops in Iraq. *Plant Pathology*, 50(6): 793.
30. Makkouk, K.M. and **S.G. Kumari**. 2001. Reduction of spread of three persistently aphid-transmitted viruses affecting legume crops by seed-treatment with Imidacloprid (Gaucho®). *Crop Protection*, 20(5): 433-437.
31. Makkouk, K.M., M. Bashir, R.A.C. Jones and **S. G. Kumari**. 2001. Survey for viruses in lentil and chickpea crops in Pakistan. *Journal of Plant Diseases and Protection*, 108(3):258-268.
32. Makkouk, K.M., **S. Kumari**, A. Sarker and W. Erskine. 2001. Registration of six lentil germplasm lines with combined resistance to viruses. *Crop Science*, 41(3):931-932.
33. Makkouk, K.M., **S. G. Kumari**, and D.-E. Lesemann. 2001. First Record of *Pea enation mosaic virus* Naturally Infecting Chickpea and Grasspea Crops in Syria. *Plant Disease*, 85(9): 1032.
34. **Kumari, S.G.**, K.M. Makkouk, L. Katul and H.J. Vetten. 2001. Polyclonal Antibodies to the Bacterially Expressed Coat Protein of *Faba Bean Necrotic Yellows Virus*. *Journal of Phytopathology*, 149:543-550.
35. Makkouk, K.M., **S. G. Kumari**, Z. Kadirova, and A. Zueva. 2001. First Record of *Barley yellow striate mosaic virus* and *Cereal yellow dwarf virus-RPV* Infecting Wheat in Uzbekistan. *Plant Disease*, 85(10):1122.
36. Makkouk, K.M., A. Najar and **S. Kumari**. 2001. First record of *Barley yellow dwarf* and *Cereal yellow dwarf viruses* in Tunisia. *Plant Pathology*, 50 (6):806.
37. El-Muadhidi, M.A., K.M. Makkouk, **S.G. Kumari**, M. Jerjess, S.S. Murad, R.R. Mustafa and F. Tarik. 2001. Survey for legume and cereal viruses in Iraq. *Phytopathologia Mediterranea*, 40(3): 224-233.
38. **Kumari, S.G.**, K. M. Makkouk and B. Bayaa. 2001. *Pea Enation Mosaic Virus-1* Infecting Lentil in Syria, and Further Information on its Host range, Purification, Serology and Transmission Characteristics. *Arab Journal of Plant Protection*, 19 (2): 65-72.
39. Makkouk, K.M., Y. Fazlali, **S.G. Kumari** and S.Farzadfar. 2002. First record of *Beet western yellows*, *Chickpea chlorotic dwarf*, *Faba bean necrotic yellows* and *Soybean dwarf viruses* affecting chickpea and lentil crops in Iran. *Plant Pathology*, 51(3): 387.
40. Makkouk, K.M., **S.G. Kumari** and J.A.G. van Leur. 2002. Screening and selection of faba bean (*Vicia faba* L.) germplasm resistant to *Bean leafroll virus*. *Australian Journal of Agricultural Research*, 53: 1077-1082.
41. Makkouk, K.M. and **S.G. Kumari**. 2002. Low-cost paper can be used in tissue-blot immunoassay for detection of cereal and legume viruses. *Phytopathologia Mediterranea*, 41: 275-278.
42. **Kumari, S.G.** and K.M. Makkouk. 2003. Differentiation among Bean leafroll virus susceptible and resistant lentil and faba bean genotypes on the basis of virus movement and multiplication. *Journal of Phytopathology*, 151: 19-25.
43. Makkouk, K.M., **S.G. Kumari**, N. Shahraeen, Y. Fazlali, Sh. Farzadfar, T. Ghotbi and A. Reza Mansouri. 2003. Identification and seasonal variation of viral diseases of chickpea and lentil in Iran. *Journal of Plant Diseases and Protection*, 110(2): 157-169.

44. Makkouk, K.M., A.A. Hamed, M. Hussein and **S.G. Kumari**. 2003. First report of *Faba bean necrotic yellows virus* (FBNYV) infecting chickpea (*Cicer arietinum*) and faba bean (*Vicia faba*) crops in Sudan. *Plant Pathology*, 52(3): 412
45. Makkouk, K.M., L. Rizkallah, **S.G. Kumari**, M. Zaki and R. Abul Enein. 2003. First record of *Chickpea chlorotic dwarf virus* (CpCDV) affecting faba bean (*Vicia faba*) crops in Egypt. *Plant Pathology*, 52(3): 413.
46. Najar, A., **S.G. Kumari**, K.M. Makkouk and A. Daaloul. 2003. A Survey of Viruses Affecting Faba Bean (*Vicia faba*) in Tunisia Includes First Record of *Soybean dwarf virus*. *Plant Disease*, 87(9): 1151.
47. **Kumari, S.G.**, K.M. Makkouk, N. Attar, W. Ghulam and D.-E. Lesemann. 2004. First Report of *Chickpea Chlorotic Dwarf Virus* Infecting Spring Chickpea in Syria. *Plant Disease*, 88: 424.
48. Makkouk, K.M., **S.G. Kumari**, W. Ghulam and N. Attar. 2004. First Record of *Barley yellow striate mosaic virus* Affecting Wheat Summer-Nurseries in Syria. *Plant Disease*, 88: 83.
49. Ali, Mai Abdalla, **S.G. Kumari**, K.M. Makkouk and M.M. Hassan. 2004. *Chickpea chlorotic dwarf virus* (CpCDV) Naturally Infects *Phaseolus* Bean and Other Wild Species in the Gezira Region of Sudan. *Arab Journal of Plant Protection*, 22(1): 96.
50. Kayali, M., A. El-Ahmed, B. Debs, K.M. Makkouk, S. Asaad, **S.G. Kumari** and N. Attar. 2004. Production of Specific Antiserum to *Xanthomonas translucens* pv. *undulosa* the Causal Organism of Bacterial Stripe on Wheat in Syria. *Arab Journal of Plant Protection*, 22(1): 72-76.
51. Mando, J.S., H.Z. Kawas, K.M. Makkouk and **S.G. Kumari**. 2004. Forage legume viruses in Syria: economic importance and seed transmission. *Arab Journal of Plant Protection*, 22(2): 122-127.
52. **Kumari, S.G.**, I. Muharram, R. El-Pasha, W.A. Al-Motwkel and A. Al-Ansi. 2005. First report of viruses that naturally infect alfalfa and fenugreek; and of *Beet western yellows virus* that infects legume crops in Yemen. *Arab Journal of Plant Protection*, 23(1): 57.
53. Bekele, B., **S.G. Kumari**, K. Ali, A. Yusuf, K.M. Makkouk, M. Aslake, M. Ayalew, G. Girma and D. Hailu. 2005. Survey for viruses affecting legume crops in Amhara and Oromia Regions in Ethiopia. *Phytopathologia Mediterranea*, 44: 235-246.
54. **Kumari, S.G.**, K.M. Makkouk and N. Attar. 2006. An improved antiserum for sensitive serologic detection of Chickpea chlorotic dwarf virus. *Journal of Phytopathology*, 154(3): 129-133.
55. **Kumari, S.G.**, I. Muharram, K. M. Makkouk, A. Al-Ansi, R. El-Pasha, W. A. Al-Motwkel, A. Haj Kassem. 2006. Identification of viral diseases affecting barley and bread wheat crops in Yemen. *Australasian Plant Pathology*, 35: 563-568.
56. Makkouk, K.M. and **S.G. Kumari**. 2006. Molecular Diagnosis of Plant Viruses. *Arab Journal of Plant Protection*, 24(2): 138-135.
57. Ismail, I.D., **S.G. Kumari** and R. Al-Jallad. 2006. Survey of viruses causing yellowing and stunting symptoms for faba beans crop in Syria. *Tishreen University Journal for Studies and Scientific Research-biological Sciences Series*, 28(3): 167-176.
58. Shiyong, B., W. Xiaoming, Z. Zhendong, Z. Xuxiao, **S. Kumari**, A. Freeman and J. van Leur. 2007. Survey for faba bean and field pea viruses in Yunnan Province, China. *Australasian Plant Pathology*, 36: 347-353.
59. **Kumari, S.G.** and K.M. Makkouk. 2007. Virus diseases of faba bean (*Vicia faba* L.) in Asia and Africa. *Plant Viruses*, 1(1): 93-105.
60. Ansi, A., **S.G. Kumari**, A. Haj Kasem, K.M. Makkouk and I. Muharram. 2007. The Occurrence of Barley yellow dwarf viruses on cereal crops and wild grasses in Syria. *Arab Journal of Plant Protection*, 25(1): 1-9.
61. Al-Jallad, R., **S.G. Kumari** and Imad D. Ismail. 2007. Integrated Management of Aphid-transmitted Faba Bean Viruses in the Coastal Area of Syria. *Arab Journal of Plant Protection*, 25: 175-180.

62. **Kumari, S.G.**, I.D. Ismail and R. Al-Jallad. 2007. The effect of the seed treatment of faba beans with Thiamethoxam and Imidacloprid pesticides in Reducing the Incidence of bean leaf roll luteovirus. *Tishreen University Journal for Studies and Scientific Research-biological Sciences Series*, 29(1): 171-180.
63. Ansi, A., **S.G. Kumari**, A.A. Haj Kassem, K.M. Makkouk and I. Muharram. 2007. Effect of *Barley yellow dwarf virus-PAV* on Yield and Grain Quality of Yemeni Wheat Varieties. *Arab Journal of Plant Protection*, 25: 163-170.
64. **Kumari, S.G.**, K.M. Makkouk, M. Loh, K. Negassi, S. Tsegay, R. Kidane, A. Kibret and Y. Tesfatsion. 2008. Viral diseases affecting chickpea crop in Eritrea. *Phytopathologia Mediterranea*, 47: 42-49.
65. Ansi, A., **S.G. Kumari**, A. Haj Kasem, K.M. Makkouk and I. Muharram. 2008. The Relationship between *Barley yellow dwarf virus-PAV* and Cereal Flight Activities of Aphids in Wheat and Barley Crops in Syria. *Arab Journal of Plant Protection*, 26: 12-19.
66. Al-Khalaf, M., **S.G. Kumari**, A.H. Kasem, K.M. Makkouk, A. Shalaby and S. Al-Chaab. 2008. Molecular characterization of a Bean yellow mosaic virus isolate from Syria. *Phytopathologia Mediterranea*, 47: 282-285.
67. Makkouk, K.M. and **S.G. Kumari**. 2009. Epidemiology and integrated management of persistently transmitted aphid-borne viruses of legume and cereal crops in West Asia and North Africa. *Virus Research*, 141: 209-218.
68. Alkhalaf, M., **S.G. Kumari**, A. Haj Kasem, K.M. Makkouk and S. Al-Chaab. 2009. Use of the two faces of nitrocellulose membrane in tissue blot immunoassay for the detection of *Bean yellow mosaic virus* and the Possibility of its mechanically transmitted from the printed membrane to the host plant. *Arab Journal of Plant Protection*, 27: 91-94.
69. Asaad, N.Y., **S.G. Kumari**, A.H. Kassem, A. Shalaby, S. Al-Chaab and R.S. Malhotra. 2009. Detection and characterization of Chickpea chlorotic stunt virus in Syria. *Journal of Phytopathology*, 157: 756-761.
70. **Kumari, S.G.**, N. Attar, E. Mustafayev and Z. Akparove. 2009. First report of Faba bean necrotic yellows virus affecting legume crops in Azerbaijan. *Plant Disease*, 93(11): 1220.
71. Asaad, N.A., **S.G. Kumari**, A.A. Haj- Kassem, S. Al-Shaab and R.S. Malhotra. 2009. *Beet western yellows virus* (BWYV) in Syria. *Arab Journal of Plant Protection*, 27: 188-198.
72. Alkhalaf, M., **S.G. Kumari**, A. Haj Kasem, K.M. Makkouk and S. Al-Chaab. 2009. Differentiation between Susceptible and Resistant Faba Bean, Lentil and Pea Genotypes to *Bean yellow mosaic virus* on the Basis of Virus Movement and Multiplication. *Arab Journal of Plant Protection*, 27: 165-173.
73. **Kumari, S.G.**, B. Rodoni, H.J. Vetten, A. Freeman, J. van Leur, M. Loh, B. Shiyong and W. Xiaoming. 2010. Detection and partial characterization of *Milk vetch dwarf virus* in faba bean (*Vicia faba* L.) in Yunnan Province, China. *Journal of Phytopathology*, 158: 35-39.
74. Alkhalaf, M., **S.G. Kumari**, A. Haj Kasem, K.M. Makkouk and S. Al-Chaab. 2010. *Bean yellow mosaic virus* on Cool-Season Food Legumes and Weeds: Distribution and its Effect on Faba Bean Yield and Control in Syria. *Arab Journal of Plant Protection*, 28: 38-47.
75. **Kumari, S.G.**, A. Najjar, N. Attar, M. Hlaing Loh and H-J. Vetten. 2010. First Report of *Beet mosaic virus* Infecting Chickpea (*Cicer arietinum* L.) in Tunisia. *Plant Disease*, 94(8): 1068.
76. Schwinghamer, M.W., J.E. Thomas, M.A. Schilg, J.N. Parry, E.K. Dann, K.J. Moore and **S.G. Kumari**. 2010. Mastreviruses in chickpea (*Cicer arietinum*) and other dicotyledonous crops and weeds in Queensland and northern New South Wales, Australia. *Australasian Plant Pathology* 39, 551-561.
77. van Leur, J.A.G and S. Kumari. 2011. A survey of lucerne in northern New South Wales for viruses of importance to the winter legume industry. *Australasian Plant Pathology* 40: 180-186.

78. Ekzayez, A.M., **S.G. Kumari** and I. Ismail. 2011. First report of Wheat dwarf virus and its vector (*Psammotettix provincialis*) affecting wheat and barley crops in Syria. *Plant Disease*, 95(1): 76.
79. Mumtaz, H., S.G. Kumari, S. Mansoor, D.P. Martin and R.W. Briddon. 2011. Analysis of the sequence of a dicot-infecting mastrevirus (family Geminiviridae) originating from Syria. *Virus Genus*, 42(3): 422-428.
80. Mando, M.J., A.A. Haj Kasem, S. Al-Chaab, **S.G. Kumari** and M. Turina. 2011. Survey of Some Mosaic Viruses on Cucurbits in Syria and Molecular Detection of *Zucchini yellow mosaic virus*. *Arab Journal of Plant Protection*, 29: 14-20.
81. Al-Isaac, E., **S.G. Kumari** and B. Al-Kai. 2011. Effect of *Wheat streak mosaic virus* on Wheat Yield in Syria. *Arab Journal of Plant Protection*, 29: 103-107.
82. Najar, A., **S.G. Kumari**, N. Attar and S. Lababidi. 2011. Present status of some virus diseases affecting legume crops in Tunisia and partial characterization of *Chickpea chlorotic stunt virus*. *Phytopathologia Mediterranea*, 50: 310-315.
83. Najar, A., **S. Kumari**, N. Attar and S. Lababidi. 2011. First Report of *Chickpea chlorotic stunt virus* (CpCSV) Infecting Legume Crops in Tunisia. *Plant Disease*, 95(1): 1321.
84. Al-Naasan, Y., **S.G. Kumari**, A.A. Haj Kasem and F. Azmeh. 2011. Graft-transmission for three viruses belong to family *Luteoviridae*. *Arab Journal of Plant Protection*, 29: 219-224.
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