

Curriculum Vitae

Personal Data:

Name: Norbert Nowotny, Ph.D.
Position: Associate Professor of Virology, University of Veterinary Medicine, Vienna, Austria
Date of Birth: March 31, 1958
Place of Birth: Strass im Strassertal, Lower Austria, Austria
Citizenship: Austrian



Education:

1976 - 1981 Study of Biology (Zoology/Botany) at the Faculty of Natural Sciences, University of Vienna, Vienna, Austria
1979 - 1981 Ph.D. Thesis at the Virology Laboratory of the Institute for Cancer Research, University of Vienna Medical School
01/1982 Graduation to Ph.D. *sub auspiciis praesidentis rei publicae* at the University of Vienna
1997 Habilitation for *Virology* at the University of Veterinary Medicine, Vienna

Employment:

1981 - 1991 Research Associate and Lecturer („Universitätsassistent“) at the Institute of Virology, University of Veterinary Medicine, Vienna, Austria
1991 - 1997 Assistant Professor at the same Institute
1996 - 1997 Guest Researcher at Stanford University School of Medicine, Stanford, CA, U.S.A.
1997 - Associate Professor of Virology at the Institute of Virology and subsequently at the Institute of Clinical Virology, University of Veterinary Medicine, Vienna
01/2001 - 11/2001 Chairman of the Institute of Hydrobiology, Ichthyology and Apidology (Institute of Fish and Bee Diseases), University of Veterinary Medicine, Vienna
12/2001 - 08/2006 (Full) Professor of Virology and Deputy Chair of the Department of Microbiology and Immunology, Faculty of Medicine & Health Sciences, United Arab Emirates University, Al Ain, United Arab Emirates
09/2006 - Leader of the “Zoonoses and Emerging Infections Group”, University of Veterinary Medicine, Vienna

Languages:

- German (mother tongue)
- English (excellent command of English, both spoken and written)

Memberships:

Full member of the

- American Society for Virology (ASV)
- American Society for Microbiology (ASM)
- European Society for Virology (Gesellschaft für Virologie)
- European Society for Veterinary Virology (ESVV)
- Austrian Society for Hygiene, Microbiology and Preventive Medicine
- Austrian Society of Veterinarians

Awards:

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|------------|--|
| 1982 | Ring of Honour awarded by the President of the Republic of Austria (in conjunction with the Graduation <i>sub auspiciis praesidentis rei publicae</i>) |
| 1982, 1994 | Scientific Awards of the Federal State of Lower Austria |
| 1994 | Armin von Tschermak-Seysenegg Award of the University of Veterinary Medicine, Vienna |
| 1995 | Award of the Austrian Society for Hygiene, Microbiology and Preventive Medicine („Österreichischer Hygiene-Preis“) |
| 1995 | Kardinal-Innitzer Award (for the publications submitted later for the “Habilitation”) |
| 2005 | Health, Safety and Environment Award of the Abu Dhabi National Oil Company |
| 2006 | Award for the best Teaching Department at the Faculty of Medicine and Health Sciences, United Arab Emirates University |
| 2006 | Award for the best Researcher (“Distinguished Research Award 2004-2005”) of the Faculty of Medicine and Health Sciences, United Arab Emirates University, and finally in |
| 2008 | I received together with my group the “Oscar” for our teaching performance at the main Virology course (awarded by the Vetmeduni Vienna students) |

Research Interests and current Research Projects:

- All aspects of infectious diseases, especially viral diseases, of farm, pet and zoo animals as well as wildlife
- Emerging infections
- Zoonoses
- Infectious diseases at the environment / animal / human interface

- Mosquito-borne viruses (West Nile virus, Usutu virus, etc.)
- Borna disease virus
- Molecular epidemiology

Publications:

158 Publications in peer-reviewed renowned scientific Journals, **of which currently 121 are listed in PubMed** (please find a detailed list of publications attached).

Cumulative **Impact Factor of the Publications: > 300**

Cumulative **Number of Citations: > 1600**

Since 5 years ago a citation ranking has been introduced at the Vetmeduni Vienna, I have always been among the 10 most cited researchers (independent of the way of calculation; this year (2010) I am no. 2.

Approx. **150 Scientific Lectures, including several invited keynote and state-of-the-art presentations**, and more than **50 Poster Presentations**.

Grants: Currently active grants are underlined

- **European Commission:**
 - 1999-2002: FP-4: FAIR CT98-4123: Equine arteritis: international disease control by improved methods of virus detection and characterisation, and
 - 1999-2002: FP-4: FAIR CT98-4146: Molecular characterisation and epidemiology of encephalomyocarditis virus: a model for emerging diseases (together 300,000 €).
 - 2008-2011: Associate member of ARBO-ZOONET (FP-7 Coordinated Action): International network for capacity building for the control of emerging viral vector-borne zoonotic diseases: ~10,000 €
 - 2010-2014: FP-7 HEALTH: Biology and control of vector-borne infections in Europe - EDENext (I am the deputy leader of the mosquito group): 333,600 €
 - 2010-2013: FP-7 HEALTH: European West Nile R & D collaborative initiative - EuroWestNile (I am leader of one of the work packages): 333,000 €
- **United Nations** (United Nations Office for Project Services, UNOPS):
 - UNOPS: Introducing molecular techniques at the National Veterinary Institutes of both parts of Cyprus; establishing a joint Food Safety Laboratory in Cyprus
- **Austrian Grants:**
 - Austrian Ministry of Health (two grants on Usutu virus infections, 2002-2006; together 200,000 €, and a recent small grant on West Nile virus infection (2008-2009; 10,000 €)
 - Austrian Ministry of Agriculture

- Austrian Ministry of Science
- Austrian Federal State of Vorarlberg
- City of Vienna
- University of Veterinary Medicine, Vienna:
2009-2010: Investigations on a novel (swine) reovirus serotype: 20,000 €
- Spanish Riding School:
2009-2010: Vaccination study to get the horses of the Spanish Riding School free of equine arteritis virus: 10,000 €
2010: Investigations on the aetiology of the cough, of which half of the Lipizzaner stallions of the Spanish Riding School suffered: 12,000 €
- **United Arab Emirates (U.A.E.) Grants:**
 - U.A.E. University Grants:**
 - Faculty of Medicine & Health Sciences „Seed Money“ Grant on Influenza viruses (2002; 9,000 €)
 - Faculty Research Grant on the genetic basis of autism (2002-2003; 15,000 €)
 - Faculty Research Grant on the molecular characterization of avian Influenza viruses isolated in the U.A.E. (2005-2006; 15,000 €)
 - Joint research grant with Sultan Qaboos University, Oman, on the characterization of zoonotic and emerging viruses in the U.A.E. and in Oman (2002-2004; 22,000 €)
 - U.A.E. externally funded Grants (source: oil companies):**
 - Two grants on viral and bacterial pathogens transmitted by mosquitoes, ticks, and rodents (2004-2006; 43,000 € and 35,000 €, respectively)
- **International Industry Grants:**
 - Merial: Development of a combined lineage 1 / lineage 2 West Nile virus vaccine (2009-2011); several small sub-projects amounting to approx. 100,000 €.

Member of international scientific Committees:

- Since 1999 Member of the *Bornaviridae* Study Group of the International Committee on Taxonomy of Viruses (ICTV), from 2009 onwards Chairman of this ICTV Study Group

Member of other national and international Committees, other academic duties

- Member of the Austrian Committee for genetically modified organisms (GMOs)
- Member of the Biosafety Committee, Medical University of Vienna
- Member of Selection Committees, Promotion Committees, etc.
- Evaluator of scientific grants for the Swiss Science Foundation, the German Science Foundation, Sheikh Hamdan Award, etc.

- External evaluator for Faculty positions (e.g. for the University of Kentucky, U.S., and the University of Khartoum, Sudan)

Editorial Board:

- Since 2002 Member of the Editorial Board of *Applied and Environmental Microbiology*, a Journal of the American Society for Microbiology with an Impact Factor of 4

Conference Organization:

- Chairman of the Organizing Committee of the *International Conference on Emerging Infectious Diseases*, Al Ain, United Arab Emirates, Feb. 26 - March 1, 2005 (700 participants)
- National Coordinator of the *International Meeting on Emerging Diseases and Surveillance 2007 (IMED 2007)*, organized by the International Society for Infectious Diseases; Vienna, Austria, Feb. 23 - 25, 2007 (700 participants)
- National Coordinator of the *International Meeting on Emerging Diseases and Surveillance 2009 (IMED 2009)*, organized by the International Society for Infectious Diseases; Vienna, Austria, Feb. 13 - 16, 2009 (900 participants)
- Member of the Scientific and/or Organizing Committee of several other International Scientific Conferences

Ad hoc Reviewer for:

- Journal of Virology
- Journal of General Virology
- Journal of Medical Virology
- Journal of Clinical Virology
- Journal of Virological Methods
- Archives of Virology
- Virus Research
- Virus Genes
- Virology Journal
- Cellular Microbiology
- Applied and Environmental Microbiology
- Veterinary Microbiology
- Emerging Infectious Diseases
- Journal of Infectious Diseases
- BMC Infectious Diseases
- International Journal of Infectious Diseases
- Epidemiology and Infection
- Eurosurveillance
- Vaccine

- Clinical and Vaccine Immunology
- Research in Veterinary Science
- Journal of Veterinary Medicine B
- Zoonoses and Public Health
- Equine Veterinary Journal
- Journal of Wildlife Diseases
- Journal of Apicultural Research
- Veterinary Medicine Austria / Wiener Tierärztliche Monatsschrift
- Wiener Medizinische Wochenschrift
- Wiener Klinische Wochenschrift
- Emirates Medical Journal
- Psychiatry and Clinical Neurosciences
- Journal of Molecular Endocrinology
- Comparative Biochemistry and Physiology

Teaching:

Since more than 28 years I have been teaching all aspects of Virology and Infectious Diseases (general, molecular, applied, veterinary & medical) at all levels [Undergraduate, Graduate (Masters, DVM, PhD) and Postgraduate (laboratory animal virology, and for various CMEs)].

The students like my way of teaching and consequently evaluated my teaching performance always very positive (evaluations available on request).

Supervisor of theses:

- I have been supervising so far 5 Master's theses in Veterinary Medicine, one MSc thesis, 15 Doctor of Veterinary Medicine (DVM) theses, and 3 PhD theses
- I was external evaluator and examiner of Master's, DVM and PhD theses as well as Habilitations at the University of Vienna, the Medical University of Vienna, the University of Salzburg, the University of Zurich, the Veterinary University of Hannover, Kuwait University Faculty of Medicine, Kuwait, and Sultan Qaboos University Faculty of Medicine, Muscat, Oman.

Norbert Nowotny

Peer-reviewed Journal-Publikationen in Journals mit Impact-Faktor

Die neuesten Publikationen sind zuerst gelistet. Es sind ausschließlich bereits erschienene oder im Druck befindliche Publikationen angeführt. Vom Jahr 2000 an sind auch die Impact-Faktoren der Journals angegeben. Derzeit sind 121 der nachstehenden 158 Publikationen in PubMed gelistet.

2010:

1. Forgách, P., Nowotny, N., Erdélyi, K., Boncz, A., Zenta, J., Szűcs, G., Reuter, G., Bakonyi, T. (2010): Detection of Hepatitis E virus in samples of animal origin collected in Hungary. **Vet Microbiol.** **143**, 106-116. Impact factor: 2.370
2. Sekulin, K., Janková, J., Kolodziejek, J., Huemer, H.P., Gruber, A., Meyer, J., Nowotny, N. (2010): Natural zoonotic infections of two marmosets and one domestic rabbit with herpes simplex virus type 1 (HSV-1) did not reveal a correlation with a certain gG-, gI- or gE genotype. **Clin. Microbiol. Infect.**, in press; 2010 Jan 27 Epub ahead of print; PMID: 20121821. Impact factor: 3.554
3. Hu, Z., Nordström, H., Nowotny, N., Falk, K.I., Sandström, G. (2010): Anchored pan-Dengue RT-PCR and fast Sanger sequencing for detection of Dengue RNA in human serum. **J. Med. Virol.**, in press. Impact factor: 2.576
4. Langhoff R., Griessler, A., Voglmayr, T., Brunthaler, R., Kolodziejek, J., Nowotny, N., Ritzmann M. (2010): Pockenähnliche Hautveränderungen beim Schwein - zwei Fallberichte. **Tieraerztl. Umschau** **65**, 66-70. Impact factor: 0.138
5. Hubálek, Z., Rudolf, I., Bakonyi, T., Kazdová, K., Halouzka, J., Šebest, O., Šikutová, S., Juřicová, Z., Nowotny, N. (2010): Mosquito (Diptera: Culicidae) surveillance for arboviruses in an area endemic for West Nile (lineage Rabensburg) and Tšahyňa viruses in central Europe. **J. Med. Entomol.** **47**, 466-472. Impact factor: 1.967
6. Weissenböck, H., Fagner, K., Nedorost, N., Mostegl, M.M., Sekulin, K., Maderner, A., Bakonyi, T., Nowotny, N. (2010): Localization of avian bornavirus RNA by in situ hybridization in tissues of psittacine birds with proventricular dilatation disease. **Vet. Microbiol.**, in press; 2010 Mar 3 Epub ahead of print Impact factor: 2.370
7. Puorger, M.E., Hilbe, M., Müller, J.-P., Kolodziejek, J., Nowotny, N., Zlinszky, K., Ehrensperger, F. (2010): Distribution of Borna disease virus antigen and RNA in tissues of naturally infected bicolored white-toothed shrews, *Crocidura leucodon*, supporting their role as reservoir host species. **Vet. Pathol.** **47**, 236-244. Impact factor: 1.443

8. Sekulin, K., Hafner-Marx, A., Kolodziejek, J., Janik, D., Schmidt, P., Nowotny, N. (2010): Emergence of canine distemper in Bavarian wildlife associated with a specific amino acid exchange in the hemagglutinin protein. **Vet. J.**, in press; 2010 Jan 19 Epub ahead of print; PMID: 20089424. Impact factor: 1.802
9. Al-Ghaferi, N., Kolodziejek, J., Nowotny, N., Coquet, L., Jouenne, T., Leprince, J., Vaudry, H., King, J.D., Conlon, J.M. (2010): Antimicrobial peptides from the skin secretions of the South-East Asian frog *Hylarana erythraea* (Ranidae). **Peptides 31**, 548-554 Impact factor: 2.565
10. Manarolla, G., Bakonyi, T., Gallazzi, D., Crosta, L., Weissenböck, H., Dorrestein, G.M., Nowotny, N. (2010): Usutu virus in wild birds in northern Italy. **Vet. Microbiol. 141**, 159-163. Impact factor: 2.370
11. Weissenböck, H., Hubálek, Z., Bakonyi, T., Nowotny, N. (2010): Zoonotic mosquito-borne flaviviruses: worldwide presence of agents with proven pathogenicity and potential candidates of future emerging diseases. Invited review. **Vet. Microbiol. 140**, 271-280. Impact factor: 2.370
12. Seidowski, D., Ziegler, U., von Rönn J.A.C., Müller, K., Hüppop, K., Müller, T., Freuling, C., Mühle, R.-U., Nowotny, N., Ulrich, R.G., Niedrig, M., Groschup, M.H. (2010): West Nile virus monitoring of migratory and resident birds in Germany. **Vector-Borne Zoonotic Dis.**, in press. Impact factor: 2.195
13. Muller, A., Silva, E., Abrantes, J., Esteves, P.J., Ferreira, P.G., Carvalheira, J.C., Nowotny, N., Thompson, G. (2010): Partial sequencing of recent Portuguese myxoma virus field isolates exhibits a high degree of genetic stability. **Vet. Microbiol. 140**, 161-166. Impact factor: 2.370

2009:

14. Weissenböck, H., Sekulin, K., Bakonyi, T., Högl, S., Nowotny, N. (2009): Novel avian bornavirus in a nonpsittacine species (Canary; *Serinus canaria*) with enteric ganglioneuritis and encephalitis. **J. Virol. 83**, 11367-11371. Impact factor: 5.308
15. Weissenböck, H., Bakonyi, T., Sekulin, K., Ehrensperger, F., Doneley, R.J.T., Dürrwald, R., Hoop, R., Erdély, K., Gál, J., Kolodziejek, J., Nowotny, N. (2009): Avian bornaviruses in psittacine birds from Europe and Australia with proventricular dilatation disease. **Emerg. Infect. Dis. 15**, 1453-1459. Impact factor: 6.449
16. Conlon, J.M., Meetani, M.A., Coquet, L., Jouenne, T., Leprince, J., Vaudry, H., Kolodziejek, J., Nowotny, N., King, J.D. (2009): Antimicrobial peptides from the skin secretions of the New World frogs *Lithobates capito* and *Lithobates warszewitschii* (Ranidae). **Peptides 30**, 1775-1781. Impact factor: 2.565

17. Tapaszti, Z., Forgách, P., Kővágó, C., Topolska, G., Nowotny, N., Rusvai, M., Bakonyi, T. (2009): Genetic analysis and phylogenetic comparison of Black queen cell virus genotypes. **Vet. Microbiol.** **139**, 227-234. Impact factor: 2.370
18. Muller, A., Freitas, J., Silva, E., Le Gall-Reculé, G., Zwingelstein, F., Abrantes, J., Esteves, P.J., Alves, P.C., van der Loo, W., Kolodziejek, J., Nowotny, N., Thompson, G. (2009): Evolution of rabbit hemorrhagic disease virus (RHDV) in the European rabbit (*Oryctolagus cuniculus*) from the Iberian peninsula. **Vet. Microbiol.** **135**, 368-373. Impact factor: 2.370
19. Duscher, G., Feiler, A., Wille-Piazzai, W., Bakonyi, T., Leschnik, M., Miterpáková, M., Kolodziejek, J., Nowotny, N., Joachim, A. (2009): Nachweis von *Dirofilaria* in österreichischen Hunden (*Detection of Dirofilaria in Austrian dogs*). **Berl. Munch. Tierarztl. Wochenschr.** **122**, 199-203. Impact factor: 0.812
20. Howarth, F.C., Jacobson, M., Qureshi M.A., Shafiullah, M., Hameed, R.S., Zilahi, E., Al Haj, A., Nowotny, N., Adeghate, E. (2009): Altered gene expression may underlie prolonged duration of the QT interval and ventricular action potential in streptozotocin-induced diabetic rat heart. **Mol. Cell Biochem.** **328**, 57-65. Impact factor: 1.764
21. Conlon, J.M., Kolodziejek, J., Nowotny, N. (2009): Antimicrobial peptides from the skins of North American frogs. **Biochim. Biophys. Acta – Biomembranes** **1788**, 1556-1563. Impact factor: 4.180

2008:

22. Daly, J.M., Blunden, A.S., MacRae, S., Miller, J., Bowman, S.J., Kolodziejek, J., Nowotny, N., Smith, K.C. (2008): Transmission of equine influenza virus to English foxhounds. **Emerg. Infect. Dis.** **14**, 461-464. Impact factor: 6.449
23. Kolodziejek, J., Schachner, O., Dürrwald, R., Latif, M., Nowotny, N. (2008): "Mid-G" region sequences of the glycoprotein gene of Austrian infectious hematopoietic necrosis virus isolates form two lineages within European isolates and are distinct from American and Asian lineages. **J. Clin. Microbiol.** **46**, 22-30. Impact factor: 3.945
24. Meister, T., Lussy, H., Bakonyi, T., Šikutová, S., Rudolf, I., Vogl, W., Winkler, H., Frey, H., Hubálek, Z., Nowotny, N., Weissenböck, H. (2008): Serological evidence of continuing high *Usutu virus* (*Flaviviridae*) activity and establishment of herd immunity in wild birds in Austria. **Vet. Microbiol.** **127**, 237-248. Impact factor: 2.370
25. Al-Salam, S., Nowotny, N., Sohail, M.R., Kolodziejek, J., Berger, T.G. (2008): Ecthyma contagiosum (orf) - report of a human case from the United Arab Emirates and review of the literature. **J. Cutan. Pathol.** **35**, 603-607. Impact factor: 1.561

26. Forgách, P., Bakonyi, T., Tapaszti, Z., Nowotny, N., Rusvai, M. (2008): Prevalence of pathogenic bee viruses in Hungarian apiaries - situation before joining the European Union. **J. Invertebr. Pathol.** **98**, 235-238. Impact factor: 2.005
27. Rubel, F., Brugger, K., Hantel, M., Chvala-Mannsberger, S., Bakonyi, T., Weissenböck, H., Nowotny, N. (2008): Explaining Usutu virus dynamics in Austria: Model development and calibration. **Prev. Vet. Med.** **85**, 166-186. Impact factor: 1.506
28. Jischa, S., Walter, I., Nowotny, N., Palm, F., Budik, S., Kolodziejek, J., Aurich, C. (2008): Uterine involution and endometrial function in postpartum pony mares. **Am. J. Vet. Res.** **69**, 1525-1534. Impact factor: 1.280
29. Palm, F., Walter, I., Budik, S., Kolodziejek, J., Nowotny, N., Aurich, C. (2008): Influence of different semen extenders and seminal plasma on PMN migration and on expression of IL-1 β , IL-6, TNF- α and COX-2 mRNA in the equine endometrium. **Theriogenology** **70**, 843-851. Impact factor: 2.041
30. Conlon, J.M., Kolodziejek, J., Nowotny, N., Leprince, J., Vaudry, H., Coquet, L., Jouenne, T., King, J.D. (2008): Characterization of antimicrobial peptides from the skin secretions of the Malaysian frogs, *Odorrana hosii* and *Hylarana picturata* (Anura: Ranidae). **Toxicon** **52**, 465-473. Impact factor: 2.460
31. Koblischke, P., Kindahl, H., Budik, S., Aurich, J.E., Palm, F.M., Walter, I., Kolodziejek, J., Nowotny, N., Hoppen, H.-O., Aurich, C. (2008): Embryo transfer induces a subclinical endometritis in recipient mares which can be prevented by treatment with non-steroid anti-inflammatory drugs. **Theriogenology** **70**, 1147-1158. Impact factor: 2.041
- 2007:**
32. Dürrwald, R., Kolodziejek, J., Herzog, S., Nowotny, N. (2007): Meta-analysis of putative human bornavirus sequences fails to provide evidence implicating Borna disease virus in mental illness. **Rev. Med. Virol.** **17**, 181-203. Impact factor: 7.174
33. Bossmar, T., Osman, N., Zilahi, E., El Haj, M.A., Nowotny, N., Conlon, J.M. (2007): Expression of the oxytocin gene, but not the vasopressin gene, in the rat uterus during pregnancy: influence of oestradiol and progesterone. **J. Endocrinol.** **193**, 121-126. Impact factor: 2.636
34. Conlon, J.M., Kolodziejek, J., Nowotny, N., Leprince, J., Vaudry, H., Coquet, L., Jouenne, T., Iwamuro, S. (2007): Cytolytic peptides belonging to the brevinin-1 and brevinin-2 families isolated from the skin of the Japanese brown frog, *Rana dybowskii*. **Toxicon** **50**, 746-756. Impact factor: 2.246

35. Conlon, J.M., Al-Dhaheeri, A., Al-Mutawa, E., Al-Kharrge, R., Ahmed, E., Kolodziejek, J., Nowotny, N., Nielsen, P.F., Davidson, C. (2007): Peptide defenses of the Cascades frog, *Rana cascadae*: implications for the evolutionary history of frogs of the *Amerana* species group. **Peptides** **28**, 1268-1274. Impact factor: 2.368
36. Conlon, J.M., Coquet, L., Leprince, J., Jouenne, T., Vaudry, H., Kolodziejek, J., Nowotny, N., Bevier, C.R., Moler, P.E. (2007): Peptidomic analysis of skin secretions from *Rana heckscheri* and *Rana okaloosae* provides insight into phylogenetic relationships among frogs of the *Aquarana* species group. **Regul. Pept.** **138**, 87-93. Impact factor: 2.422
37. Howarth, F.C., Nowotny, N., Zilahi, E., El Haj, M.A., Lei, M. (2007): Altered expression of gap junction connexin proteins may partly underlie heart rhythm disturbances in the streptozotocin-induced diabetic rat heart. **Mol. Cell. Biochem.** **305**, 145-151. Impact factor: 1.707
38. Bakonyi, T., Erdélyi, K., Ursu, K., Ferenczi, E., Csörgő, T., Lussy, H., Chvala, S., Bukovsky, C., Meister, T., Weissenböck, H., Nowotny, N. (2007): Emergence of *Usutu virus* in Hungary. **J. Clin. Microbiol.** **45**, 3870-3874. Impact factor: 3.708
39. Berényi, O., Bakonyi, T., Derakhshifar, I., Köglberger, H., Topolska, G., Ritter, W., Pechhacker, H., Nowotny, N. (2007): Phylogenetic analysis of deformed wing virus genotypes from diverse geographic origins indicates recent global distribution of the virus. **Appl. Environ. Microb.** **73**, 3605-3611. Impact factor: 4.004
40. Gruber, A., Grabensteiner, E., Kolodziejek, J., Nowotny, N., Loupal, G. (2007): Poxvirus infection in a Great Tit (*Parus major*). **Avian Dis.** **51**, 623-625. Impact factor: 1.069
41. Chvala, S., Bakonyi, T., Bukovsky, C., Meister, T., Brugger, K., Rubel, F., Nowotny, N., Weissenböck, H. (2007): Monitoring of Usutu virus activity and spread by dead bird surveillance in Austria, 2003 – 2005. **Vet. Microbiol.** **122**, 237-245. Impact factor: 2.010
42. Grabensteiner, E., Bakonyi, T., Ritter, W., Pechhacker, H., Nowotny, N. (2007): Development of a multiplex RT-PCR for the simultaneous detection of three viruses of the honeybee (*Apis mellifera* L.): *Acute bee paralysis virus*, *Black queen cell virus* and *Sacbrood virus*. **J. Invertebr. Pathol.** **94**, 222-225. Impact factor: 1.463

2006:

43. Bakonyi, T., Ivanics, É., Erdélyi, K., Ursu, K., Ferenczi, E., Weissenböck, H., Nowotny, N. (2006): Lineage 1 and 2 strains of encephalitic West Nile virus, central Europe. **Emerg. Infect. Dis.** **12**, 618-623. Impact factor: 5.094

44. Hilbe, M., Herrsche, R., Kolodziejek, J., Nowotny, N., Zlinszky, K., Ehrensperger, F. (2006): Shrews as reservoir hosts of Borna disease virus. **Emerg. Infect. Dis.** **12**, 675-677. Impact factor: 5.094
45. Berényi, O., Bakonyi, T., Derakhshifar, I., Köglberger, H., Nowotny, N. (2006): Occurrence of six honey bee viruses in diseased Austrian apiaries. **Appl. Environ. Microb.** **72**, 2414-2420. Impact factor: 3.532
46. Denis, P., Liebig, H.D., Nowotny, N., Billinis, C., Papadopoulos, O., O'Hara, R.S., Knowles, N.J., Koenen, F. (2006): Genetic variability of encephalomyocarditis virus (EMCV) isolates. **Vet. Microbiol.** **113**, 1-12. Impact factor: 2.073
47. Sonnevend, A., Rotimi, V.O., Kolodziejek, J., Usmani, A., Nowotny, N., Pal, T. (2006): High level of ciprofloxacin resistance and its molecular background among *Campylobacter jejuni* strains isolated in the United Arab Emirates. **J. Med. Microbiol.** **55**, 1533-1538. Impact factor: 2.180
48. Mittelholzer, C., Stadejek, T., Johansson, I., Baule, C., Ciabatti, I., Hannant, D., Paton, D., Autorino, G.L., Nowotny, N., Belak, S. (2006): Extended phylogeny of equine arteritis virus: division into new subgroups. **J. Vet. Med. B.** **53**, 55-58. Impact factor: 1.356
49. Dürrwald, R., Kolodziejek, J., Muluneh, A., Herzog, S., Nowotny, N. (2006): Epidemiological pattern of classical Borna disease and regional genetic clustering of Borna disease viruses point towards existence of to date unknown endemic reservoir host populations. **Microbes Infect.** **8**, 917-929. Impact factor: 3.127
50. Dürrwald, R., Kolodziejek, J., Nowotny, N. (2006): Borna disease virus (BDV) sequences derived from plasma samples of Australian cats contain multiple sequencing errors and are otherwise almost identical to strain V, a commonly used BDV laboratory strain. (Scientific correspondence containing original research data). **Microbes Infect.** **8**, 1421-1422. Impact factor: 3.127
51. Chvala, S., Bakonyi, T., Hackl, R., Hess, M., Nowotny, N., Weissenböck, H. (2006): Limited pathogenicity of Usutu virus for the domestic goose (*Anser anser f. domestica*). **J. Vet. Med. B.** **53**, 171-175. Impact factor: 1.356
52. Sonnevend, A., Al Dhaheri, K., Mag, T., Herpay, M., Kolodziejek, J., Nowotny, N., Usmani, A., Sheikh, F.A., Pál, T. (2006): CTX-M-15-producing multidrug-resistant enteroaggregative *Escherichia coli* in the United Arab Emirates. **Clin. Microbiol. Infect.** **12**, 582-585. Impact factor: 3.254
- 2005:**
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