

Hector Rodriguez-Villalobos

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

3,693
citations

147801

31
h-index

149698

56
g-index

120
all docs

120
docs citations

120
times ranked

5913
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of spreading of SARS-CoV-2 in a Belgian hemodialysis facility: The importance of the analysis of viral strains. <i>Journal of Medical Virology</i> , 2022, 94, 1481-1487.	5.0	3
2	Multicentre interlaboratory analysis of routine susceptibility testing with a challenge panel of resistant strains. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 28, 125-129.	2.2	1
3	Population Pharmacokinetics of Temocillin Administered by Continuous Infusion in Patients with Septic Shock Associated with Intra-Abdominal Infection and Ascitic Fluid Effusion. <i>Antibiotics</i> , 2022, 11, 898.	3.7	4
4	Clinical usefulness of fully automated chemiluminescent immunoassay for quantitative antibody measurements in COVID-19 patients. <i>Journal of Medical Virology</i> , 2021, 93, 1465-1477.	5.0	41
5	Multicenter study of automated systems for colistin susceptibility testing. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 575-579.	2.9	5
6	A Longitudinal, 3-Month Serologic Assessment of SARS-CoV-2 Infections in a Belgian Hemodialysis Facility. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 613-614.	4.5	35
7	First detection of a plasmid-encoded New-Delhi metallo-beta-lactamase-1 (NDM-1) producing <i>Acinetobacter baumannii</i> using whole genome sequencing, isolated in a clinical setting in Benin. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2021, 20, 5.	3.8	6
8	The BD BACTEC FX blood culture system with the gentlemacs dissociator is suitable for sterility testing of heart valve and vascular allografts: A validation study. <i>Cell and Tissue Banking</i> , 2021, 22, 453-466.	1.1	3
9	First Investigative Study of Azole-Resistant <i>Aspergillus fumigatus</i> in the Environment in Burkina Faso. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2250.	2.6	11
10	The causal relationship between O2:K7:H6 extra-intestinal pathogenic <i>Escherichia coli</i> (ExPEC) and native valve endocarditis: a case report. <i>BMC Infectious Diseases</i> , 2021, 21, 370.	2.9	4
11	Serum uric acid, disease severity and outcomes in COVID-19. <i>Critical Care</i> , 2021, 25, 212.	5.8	22
12	Usefulness of a multiplex immunodot in case of discordant results between automated COVID-19 serological assays. <i>Journal of Virological Methods</i> , 2021, 292, 114129.	2.1	0
13	Seroprevalence of SARS-CoV-2 infection in health care workers of a teaching hospital in Belgium: self-reported occupational and household risk factors for seropositivity. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115414.	1.8	8
14	Do fully automated immunoassays for the evaluation of the immune response to SARS-CoV-2 are commutable?. <i>Practical Laboratory Medicine</i> , 2021, 26, e00224.	1.3	0
15	Immunogenicity of BNT162b2 SARS-CoV-2 Vaccine in a Multicenter Cohort of Nursing Home Residents Receiving Maintenance Hemodialysis. <i>American Journal of Kidney Diseases</i> , 2021, 78, 766-768.	1.9	14
16	Fungal pneumonia in kidney transplant recipients. <i>Respiratory Medicine</i> , 2021, 185, 106492.	2.9	4
17	How to choose the right real-time RT-PCR primer sets for the SARS-CoV-2 genome detection?. <i>Journal of Virological Methods</i> , 2021, 295, 114197.	2.1	16
18	Validation of Neutrophil-to-Lymphocyte Ratio Cut-off Value Associated with High In-Hospital Mortality in COVID-19 Patients. <i>International Journal of General Medicine</i> , 2021, Volume 14, 5111-5117.	1.8	17

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19	Coinfection of <i>Mycobacterium malmoense</i> and <i>Mycobacterium chimaera</i> in a kidney transplant recipient: A case report and review of the literature. <i>Transplant Infectious Disease</i> , 2020, 22, e13241.	1.7	4
20	Evaluation of the automated BD Phoenix CPO Detect test for detection and classification of carbapenemases in Gram negatives. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 96, 114911.	1.8	8
21	Synergistic Effects of Pulsed Lavage and Antimicrobial Therapy Against <i>Staphylococcus aureus</i> Biofilms in an in-vitro Model. <i>Frontiers in Medicine</i> , 2020, 7, 527.	2.6	8
22	Clinical characteristics and humoral immune response in healthcare workers with COVID-19 in a teaching hospital in Belgium. <i>Journal of Hospital Infection</i> , 2020, 106, 713-720.	2.9	13
23	Antimicrobial resistance in hospitalized surgical patients: a silently emerging public health concern in Benin. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2020, 19, 54.	3.8	9
24	SARS-CoV-2 causes a specific dysfunction of the kidney proximal tubule. <i>Kidney International</i> , 2020, 98, 1296-1307.	5.2	173
25	Evaluation of two automated and three rapid lateral flow immunoassays for the detection of anti-SARS-CoV-2 antibodies. <i>Journal of Clinical Virology</i> , 2020, 128, 104413.	3.1	247
26	Biotin interferences: Have we neglected the impact on serological markers?. <i>Clinica Chimica Acta</i> , 2020, 503, 107-112.	1.1	10
27	Low performance of rapid antigen detection test as frontline testing for COVID-19 diagnosis. <i>Journal of Clinical Virology</i> , 2020, 129, 104455.	3.1	482
28	Symptom-based screening for COVID-19 in healthcare workers: the importance of fever. <i>Journal of Hospital Infection</i> , 2020, 105, 428-429.	2.9	20
29	A biological profile for diagnosis and outcome of COVID-19 patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2141-2150.	2.3	20
30	Surgical Site Infections with Predominance of Multidrug Resistant in Benin: A Multicenter Study. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, s526-s526.	1.8	0
31	Targeting Bedaquiline Mycobacterial Efflux Pump to Potentially Enhance Therapy in <i>Mycobacterium Abscessus</i> . <i>International Journal of Mycobacteriology</i> , 2020, 9, 71-75.	0.6	4
32	Performance Evaluation of the MBT STAR [®] -Carba IVD Assay for the Detection of Carbapenemases With MALDI-TOF MS. <i>Frontiers in Microbiology</i> , 2019, 10, 1413.	3.5	19
33	Comparison of Sanger sequencing for hepatitis C virus genotyping with a commercial line probe assay in a tertiary hospital. <i>BMC Infectious Diseases</i> , 2019, 19, 738.	2.9	6
34	The impact of a rapid molecular identification test on positive blood cultures from critically ill with bacteremia: A pre-post intervention study. <i>PLoS ONE</i> , 2019, 14, e0223122.	2.5	31
35	Concordance between superficial swab and deep sampling in post-sternotomy mediastinitis: Single center experience. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 589-593.	1.7	0
36	Mortality in patients with high risk <i>Staphylococcus aureus</i> bacteremia undergoing or not PET-CT: A single center experience. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 880-885.	1.7	15

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37	Rapid antimicrobial susceptibility testing on positive blood cultures through an innovative light scattering technology: performances and turnaround time evaluation. BMC Infectious Diseases, 2019, 19, 989.	2.9	18
38	Lateral flow immunochromatographic assay for rapid screening of faecal carriage of carbapenemase-producing Enterobacteriaceae. Journal of Antimicrobial Chemotherapy, 2019, 74, 357-359.	3.0	12
39	In vitro activity of bedaquiline against slow-growing nontuberculous mycobacteria. Journal of Medical Microbiology, 2019, 68, 1137-1139.	1.8	18
40	Laboratory diagnosis of nontuberculous mycobacteria in a Belgium Hospital. International Journal of Mycobacteriology, 2019, 8, 157.	0.6	9
41	Characterization of <i>Candida</i> spp. interference on the Sysmex XN1000 body fluid mode. International Journal of Laboratory Hematology, 2018, 40, e28-e32.	1.3	4
42	Fatal thoracic empyema involving <i>Campylobacter rectus</i> : A case report. Anaerobe, 2018, 49, 95-98.	2.1	13
43	Activities of Combinations of Antistaphylococcal Antibiotics with Fusidic Acid against Staphylococcal Biofilms in <i>In Vitro</i> Static and Dynamic Models. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	19
44	Bacterial pneumonia in kidney transplant recipients. Respiratory Medicine, 2018, 137, 89-94.	2.9	19
45	Evaluation of the Bruker® MBT Sepsityper IVD module for the identification of polymicrobial blood cultures with MALDI-TOF MS. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 2145-2152.	2.9	24
46	The effect of storage delay and storage temperature on orthopaedic surgical samples contaminated by <i>Staphylococcus Epidermidis</i> . PLoS ONE, 2018, 13, e0192048.	2.5	5
47	Mechanisms of intrinsic resistance and acquired susceptibility of <i>Pseudomonas aeruginosa</i> isolated from cystic fibrosis patients to temocillin, a revived antibiotic. Scientific Reports, 2017, 7, 40208.	3.3	34
48	First <i>Robinsoniella peoriensis</i> aortic cross homograft mycotic pseudoaneurysm: A case report and review of the literature. Anaerobe, 2017, 44, 23-26.	2.1	6
49	Staphylococcal versus Streptococcal infective endocarditis in a tertiary hospital in Belgium: epidemiology, clinical characteristics and outcome. Acta Clinica Belgica, 2017, 72, 417-423.	1.2	8
50	Outcome and Treatment of Nocardiosis After Solid Organ Transplantation: New Insights From a European Study. Clinical Infectious Diseases, 2017, 64, 1396-1405.	5.8	91
51	MALDI-TOF MS identification and antimicrobial susceptibility testing directly from positive enrichment broth. Journal of Microbiological Methods, 2017, 141, 32-34.	1.6	5
52	Epidemiology and reporting of candidaemia in Belgium: a multi-centre study. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 649-655.	2.9	59
53	Acute Bacterial Meningitis and Systemic Abscesses due to <i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> Infection. Case Reports in Infectious Diseases, 2017, 2017, 1-4.	0.5	3
54	Neuroinvasive Infection from O117:K52:H-Escherichia coli following Acute Pyelonephritis. Case Reports in Infectious Diseases, 2017, 2017, 1-4.	0.5	0

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55	Controversies in the leading causative pathogen of infective endocarditis: Data from a single tertiary hospital in Belgium. <i>Acta Clinica Belgica</i> , 2016, 71, 194-196.	1.2	1
56	<i>Nocardia</i> Infection in Solid Organ Transplant Recipients: A Multicenter European Case-control Study. <i>Clinical Infectious Diseases</i> , 2016, 63, 338-345.	5.8	179
57	First case of a dog bite wound infection caused by <i>Streptococcus minor</i> in human. <i>New Microbes and New Infections</i> , 2016, 14, 49-50.	1.6	2
58	Antimicrobial Susceptibility of <i>Pseudomonas aeruginosa</i> Isolated from Cystic Fibrosis Patients in Northern Europe. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6735-6741.	3.2	43
59	High-level resistance to meropenem in clinical isolates of <i>Pseudomonas aeruginosa</i> in the absence of carbapenemases: role of active efflux and porin alterations. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 740-743.	2.5	55
60	Breast prosthesis infection and pets: A case report and review of the literature. <i>International Journal of Surgery Case Reports</i> , 2016, 22, 98-100.	0.6	4
61	Emergence and dissemination of multi-resistant Gram negative <i>Enterobacteriaceae</i> : lessons to be learnt from local and national surveillance programs in Belgium. <i>Acta Clinica Belgica</i> , 2015, 70, 1-10.	1.2	4
62	Epidural Abscess Caused by <i>Scedosporium apiospermum</i> in an Immunocompetent Child. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 1277-1278.	2.0	6
63	Clinical features and outcome of typhoid fever and invasive non-typhoidal salmonellosis in a tertiary hospital in Belgium: analysis and review of the literature. <i>Acta Clinica Belgica</i> , 2015, 70, 265-271.	1.2	4
64	<i>Nocardia</i> prosthetic knee infection successfully treated by one-stage exchange: case report and review. <i>Acta Clinica Belgica</i> , 2015, 70, 287-290.	1.2	11
65	Correlation between cytotoxicity induced by <i>Pseudomonas aeruginosa</i> clinical isolates from acute infections and IL-1 β secretion in a model of human THP-1 monocytes. <i>Pathogens and Disease</i> , 2015, 73, ftv049.	2.0	16
66	Pneumococcal septic arthritis in adults: clinical analysis and review. <i>Acta Clinica Belgica</i> , 2014, 69, 40-46.	1.2	19
67	Early infection of hip joint prosthesis by <i>Clostridium difficile</i> in an HIV-1 infected patient. <i>Anaerobe</i> , 2014, 27, 96-99.	2.1	11
68	Characterisation of a collection of <i>Streptococcus pneumoniae</i> isolates from patients suffering from acute exacerbations of chronic bronchitis: In vitro susceptibility to antibiotics and biofilm formation in relation to antibiotic efflux and serotypes/serogroups. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 209-217.	2.5	10
69	Fourth Belgian multicentre survey of antibiotic susceptibility of anaerobic bacteria. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 155-161.	3.0	83
70	Prevalence and mechanisms of resistance to carbapenems in <i>Enterobacteriaceae</i> isolates from 24 hospitals in Belgium. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1832-1837.	3.0	28
71	<i>Streptococcus gordonii</i> septic arthritis : two cases and review of literature. <i>BMC Infectious Diseases</i> , 2012, 12, 215.	2.9	38
72	Osteomyelitis pubis caused by <i>Kingella kingae</i> in an adult patient: Report of the first case. <i>BMC Infectious Diseases</i> , 2012, 12, 236.	2.9	14

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73	Molecular typing and antifungal susceptibility of <i>Exophiala</i> isolates from patients with cystic fibrosis. <i>Journal of Medical Microbiology</i> , 2012, 61, 1226-1233.	1.8	19
74	<i>Capnocytophaga</i> species and perinatal infections: case report and review of the literature. <i>Acta Clinica Belgica</i> , 2012, 67, 42-5.	1.2	16
75	Improving turnaround time for identifying extended-spectrum β -lactamase-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> : experience with the BD Phoenix automated system. <i>Journal of Medical Microbiology</i> , 2011, 60, 679-680.	1.8	1
76	Controlled Performance Evaluation of the DiversiLab Repetitive-Sequence-Based Genotyping System for Typing Multidrug-Resistant Health Care-Associated Bacterial Pathogens. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3616-3620.	3.9	50
77	Trends in production of extended-spectrum β -lactamases among Enterobacteriaceae of clinical interest: results of a nationwide survey in Belgian hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 37-47.	3.0	88
78	Molecular characterization of plasmids encoding CTX-M-15 extended-spectrum β -lactamase associated with the ST131 <i>Escherichia coli</i> clone in Belgium. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1828-1830.	3.0	7
79	Detection and characterization of class A extended-spectrum- β -lactamase-producing <i>Pseudomonas aeruginosa</i> isolates in Belgian hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 866-871.	3.0	65
80	Emergence of clonally related <i>Klebsiella pneumoniae</i> isolates of sequence type 258 producing KPC-2 carbapenemase in Belgium. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 361-362.	3.0	23
81	Molecular characterization of AmpC-producing <i>Escherichia coli</i> clinical isolates recovered at two Belgian hospitals. <i>Pathologie Et Biologie</i> , 2010, 58, 78-83.	2.2	14
82	The problem of resistance. , 2010, , 24-48.		6
83	Emergence of extended-spectrum-AmpC-expressing <i>Escherichia coli</i> isolates in Belgian hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 1073-1075.	3.0	10
84	Comparison of four commercial methods for determining temocillin susceptibility of <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 832-834.	3.0	6
85	First Case of Bacteremia Caused by <i>Moellerella wisconsensis</i> : Case Report and a Review of the Literature. <i>Infection</i> , 2009, 37, 544-546.	4.7	14
86	Recurrent <i>Scydosporium apiospermum</i> skin infection in a renal transplant recipient. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2009, 23, 95-96.	2.4	7
87	Evaluation of sublingual and gut mucosal microcirculation in sepsis: A quantitative analysis*. <i>Critical Care Medicine</i> , 2009, 37, 2875-2881.	0.9	216
88	Intensive Care Unit Outbreak of Extended-Spectrum β -Lactamase-Producing <i>Klebsiella pneumoniae</i> Controlled by Cohorting Patients and Reinforcing Infection Control Measures. <i>Infection Control and Hospital Epidemiology</i> , 2008, 29, 517-524.	1.8	73
89	Nosocomial infections caused by multidrug-resistant <i>Pseudomonas putida</i> isolates producing VIM-2 and VIM-4 metallo- β -lactamases. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 749-751.	3.0	37
90	Prospective evaluation of imipenem/EDTA combined disc and Etest for detection of metallo- β -lactamase-producing <i>Pseudomonas aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 59, 812-813.	3.0	22

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91	Emergence of ArmA and RmtB aminoglycoside resistance 16S rRNA methylases in Belgium. Journal of Antimicrobial Chemotherapy, 2007, 59, 459-464.	3.0	103
92	Travel-acquired salmonellosis due to Salmonella Kentucky resistant to ciprofloxacin, ceftriaxone and co-trimoxazole and associated with treatment failure. Journal of Antimicrobial Chemotherapy, 2007, 60, 190-192.	3.0	51
93	Travel-acquired salmonellosis due to Salmonella Kentucky resistant to ciprofloxacin, ceftriaxone and co-trimoxazole and associated with treatment failure. Journal of Antimicrobial Chemotherapy, 2007, 60, 1183-1183.	3.0	0
94	P675 High frequency of CTX-M genes among ESBL-producing Klebsiella pneumoniae in a university hospital in Belgium. International Journal of Antimicrobial Agents, 2007, 29, S161.	2.5	0
95	In vitro activity of temocillin against prevalent extended-spectrum beta-lactamases producing Enterobacteriaceae from Belgian intensive care units. European Journal of Clinical Microbiology and Infectious Diseases, 2007, 26, 777-783.	2.9	31
96	Emergence and dissemination of multidrug resistant clones of Pseudomonas aeruginosa producing VIM-2 metallo-beta-lactamase in Belgium. , 2007, 12, E070118.2.		7
97	R�sistance bact�rienne par�-lactamases �spectre �tendu: implications pour l'animateur. Reanimation: Journal De La Societe De Reanimation De Langue Francaise, 2006, 15, 205-213.	0.1	5
98	Successful treatment of septic shock due to pan-resistant Acinetobacter baumannii using combined antimicrobial therapy including tigecycline. European Journal of Clinical Microbiology and Infectious Diseases, 2006, 25, 257-260.	2.9	87
99	In vitro activity of temocillin against extended spectrum �-lactamase-producing Escherichia coli. Journal of Antimicrobial Chemotherapy, 2006, 57, 771-774.	3.0	51
100	Ventriculostomy-related infections in critically ill patients: a 6-year experience. Journal of Neurosurgery, 2005, 103, 468-472.	1.6	106
101	Quantitative TaqMan PCR for detection of Pneumocystis jiroveci. Journal of Microbiological Methods, 2005, 61, 381-387.	1.6	48
102	Emergence of CTX-M extended spectrum �-lactamase-producing Escherichia coli in Belgium. , 2005, 10, E050224.3.		11
103	Evaluation of a new generation of plastic evacuated blood-collection tubes in clinical chemistry, therapeutic drug monitoring, hormone and trace metal analysis. Clinical Chemistry and Laboratory Medicine, 2004, 42, 67-71.	2.3	31
104	Management of long-term catheter-related Brevibacterium bacteraemia. Clinical Microbiology and Infection, 2004, 10, 465-467.	6.0	24
105	Potential risk factors for infection with Candida spp. in critically ill patients. Clinical Microbiology and Infection, 2004, 10, 550-555.	6.0	72
106	Haemophilus parainfluenzae : an Underdiagnosed Pathogen of Biliary Tract Infections?. European Journal of Clinical Microbiology and Infectious Diseases, 2004, 23, 46-48.	2.9	35
107	Microbiology of nosocomial infections: progress and challenges. Microbes and Infection, 2004, 6, 1043-1048.	1.9	37
108	Disseminated Infection due to Cyllindrocarpon (Fusarium) lichenicola in a Neutropenic Patient with Acute Leukaemia: Report of a Case and Review of the Literature. European Journal of Clinical Microbiology and Infectious Diseases, 2003, 22, 62-65.	2.9	21

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109	Are infections due to resistant pathogens associated with a worse outcome in critically ill patients?. Journal of Infection, 2003, 47, 307-316.	3.3	38
110	Rapid Detection of <i>Candida albicans</i> in Clinical Blood Samples by Using a TaqMan-Based PCR Assay. Journal of Clinical Microbiology, 2003, 41, 3293-3298.	3.9	90
111	Cross Reaction Between a Pan- <i>Candida</i> Genus Probe and <i>Fusarium</i> Spp. in a Fatal Case of <i>Fusarium oxysporum</i> Pneumonia. European Journal of Clinical Microbiology and Infectious Diseases, 2002, 21, 149-152.	2.9	4
112	Thyroid abscess due to <i>Rhodococcus equi</i> in a patient infected with the human immunodeficiency virus. European Journal of Clinical Microbiology and Infectious Diseases, 1998, 17, 55-57.	2.9	15
113	<i>Pseudomonas stutzeri</i> Community-Acquired Pneumonia Associated with Empyema: Case Report and Review. Clinical Infectious Diseases, 1997, 25, 325-326.	5.8	9
114	Cutaneous Mucormycosis of the Thoracic Wall. Clinical Infectious Diseases, 1996, 22, 373-373.	5.8	3
115	Diarrhea and thrombophlebitis-associated bacteremia caused by <i>Campylobacter fetus</i> ssp. <i>fetus</i> . Antimicrobics and Infectious Diseases Newsletter, 1994, 13, 73-74.	0.0	0