



Bacterial Zoonoses Branch Division of Vector-Borne Infectious Diseases National Center for Infectious Diseases Centers for Disease Control and Prevention

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# **IMPORTANT ANNOUNCEMENT:**

### CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC) EXTRAMURAL RESEARCH AND EDUCATION PROGRAM ON LYME DISEASE

The announcement for new, competitive cooperative proposals to conduct research, treatment and education programs on Lyme disease in the United States has been postponed until fiscal year 1998 (FY98). Current award recipients will be contacted by the CDC Grants Management Office regarding the application process for continuation of current awards.

# LYME DISEASE -UNITED STATES, 1996

A total of 12,669 cases of Lyme disease was reported to CDC by 43 states, New York City (NYC), and the District of Columbia (DC) for the period January 1 to November 16 (46th week), 1996; a total of 9,932 cases was reported by 44 states, NYC, and DC for the same period in 1995 (CDC. MMWR 1996;45:1023). This represents a 27.6% increase in reported cases in 1996 compared to 1995, and is the largest number of cases reported to CDC in this same time period. This increase is accounted for entirely by increased numbers of cases reported by states in the New England and Mid-Atlantic regions. The greatest increase was seen in reporting from the New England region, 3,782 cases vs 1,901 cases (99.0% increase), where increased numbers of cases by all states; the increases were especially striking for Connecticut (2,883 vs 1,411), Rhode Island (471 vs 297), and Massachusetts (316 vs 135). The Mid-Atlantic region reported 7,692 cases in 1996 vs 6,503 cases in 1995 (18.2% increase) with the greatest increases registered by Pennsylvania (1,621 vs 1,190) and upstate New York (3,948 vs 3,294). Anecdotal reports of increased wetness for the new England and Mid-Atlantic regions during 1996, and increased numbers of *Ixodes scapularis* ticks in these areas in 1996, may be related to the increase in case reports.

# **COOPERATIVE AGREEMENT PUBLICATIONS**

Following is a listing of 1992-1995 publications identified by authors as resulting from at least partial support though CDC Lyme disease Cooperative Agreement funding. We know that this listing is incomplete. [The LDSS editors would very much appreciate any updating of this list for the period 1991 through 1996. Send updates by fax (970-221-6476) or mail (CDC, P.O. Box 2087, Fort Collins CO 80525)].

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- Barbour, A.G. and Fish, D. The biological and social phenomenon of Lyme disease. Science <u>260</u>:1610-1616, 1993.
- Bockenstedt, L.K., Fikrig, E., Barthold, S.W., Kantor, F.S. and Flavell, R.A. Inability of truncated recombinant Osp A proteins to elicit protective immunity to *Borrelia burgdorferi* in mice. J. Immunol. <u>151</u>:900-906, 1993.
- Braden, C.A. and Klempner, M.S. Serologic tests for the diagnosis of Lyme disease. Infectious Diseases in Clinical Practice <u>3</u>: 1993.
- Breitschwerdt, E.B., Nicholson, W.L., Kiehl, A.R., Steers, C., Meuten, D.J. and Levine, J.F. Natural infections with *Borrelia* spirochetes in two dogs from Florida. J. Clin. Microbiol. <u>32</u>:352-357, 1994.
- Brown, R.N., Lane R.S. Natural and experimental *Borrelia burgdorferi* infections in woodrats and deer mice from California. J. Wildl. Dis. <u>30</u>:389-98, 1994.
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- Daniels, T.J., Fish, D.and Schwartz, I. Reduced abundance of *Ixodes scapularis* (Acari: Ixodidae) and Lyme disease risk by deer exclusion. J. Med. Entomol. <u>30</u>:1043-1049, 1993.
- Duffy, D.C., and Campbell, S.R. Ambient air temperature as a predictor of activity of adult *Ixodes scapularis* (Acari:Ixodidae). J. Med. Entomol. <u>31</u>:178-180, 1994.
- Duffy, D.C., Campbell, S.R., Clark, D., DiMotta, C., and Gurney, S. Ixodes scapularis (Acari:Ixodidae) deer tick mesoscale populations of natural areas: Effects of deer, area, and location. J. Med. Entomol. <u>31</u>:152-158, 1994.
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#### MMWR

Physician reporting of Lyme disease-Connecticut, 1991-1992. MMWR, 42:348-350, 1993.

Lyme Disease Surveillance Summary (LDSS) is edited by Drs. David Dennis and Kathy Orloski. If you have information to contribute or wish to receive a LDSS, please contact them at:

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