

# Shadow Lyme Group

## LYME-RELATED COMMERCIAL INTERESTS

|                          |   | Vaccines | Tests | Insurance | Expert witness | Consult, grants | Lecture fees |
|--------------------------|---|----------|-------|-----------|----------------|-----------------|--------------|
| US Gov't Employees       | Paul Mead (CDC)<br>Barbara Johnson (CDC)<br>Ed McSweegan (NIH)<br>Phil Baker (ex-NIH) |          |       |           |                |                 |              |
| New York Medical College | Gary Wormser  | ■        | ■     | ■         | ■              | ■               | ■            |
|                          | — Robert Nadelman   | □        | □     | □         | ■              | □               | □            |
|                          | — John Nowakowski   | □        | □     | □         | □              | □               | □            |
|                          | — Maria Agüero-Rosenfeld (NYU)  | □        | □     | □         | □              | □               | □            |
|                          | — Ira Schwartz  | □        | ■     | □         | □              | □               | □            |
|                          | — Jose Munoz  | □        | □     | □         | □              | □               | □            |
|                          | — Donna McKenna   | □        | □     | □         | □              | □               | □            |
|                          | — Arthur Weinstein (now GU)   | □        | □     | □         | ■              | □               | □            |
|                          | Ray Dattwyler (Biopeptides CEO)   | ■        | ■     | □         | ■              | □               | ■            |
| Johns Hopkins University | Paul Auwaerter  | □        | □     | □         | ■              | ■               | ■            |
|                          | Stephen Dumler  | □        | ■     | □         | □              | □               | □            |
| Yale University          | Eugene Shapiro  | □        | □     | ■         | ■              | □               | ■            |
|                          | Linda Bockenstedt   | □        | □     | □         | □              | □               | □            |
|                          | Jerry Green   | □        | □     | □         | ■              | □               | □            |
|                          | Durland Fish  | □        | □     | □         | □              | □               | □            |
| Harvard University       | Allen Steere (ex-Yale)  | □        | □     | □         | □              | ■               | ■            |
| Mount Sinai              | John Halperin   | □        | □     | ■         | ■              | □               | □            |
| University of Minnesota  | Johan Bakken  | □        | □     | □         | □              | □               | ■            |
| Boston University        | Mark Klempner (now UMass)   | □        | □     | □         | □              | □               | □            |
| Univ. of Connecticut     | Larry Zemel   | □        | □     | □         | □              | □               | □            |
|                          | Hank Feder  | □        | □     | □         | ■              | □               | ■            |
|                          | Peter Krause (now Yale)   | □        | ■     | □         | □              | □               | □            |
| Minor players            | Sunil Sood  | □        | □     | □         | □              | □               | □            |
|                          | Robert Smith  | □        | □     | □         | □              | ■               | ■            |
|                          | Susan Wong (NYDOH)  | □        | □     | □         | □              | ■               | □            |
|                          | Tom Draper (Newtown CT DHS)   | □        | □     | □         | □              | ■               | □            |
| Foreign players          | Sue O'Connell (UK)  | □        | □     | □         | ■              | □               | □            |
|                          | Franc Strle (Slovenia)  | □        | □     | □         | □              | □               | □            |
|                          | Gerold Stanek (Austria)   | □        | □     | □         | □              | □               | □            |
|                          | Volker Fingerle (Austria)   | □        | □     | □         | □              | □               | □            |
|                          | Muhammed Morshed (Canada)   | □        | □     | □         | □              | □               | □            |
|                          | Harvey Artsob (Canada)  | □        | □     | □         | □              | □               | □            |

\* Source: Email From Wormser on conflict self-disclosures for NEJM Chronic Lyme article," 7-31-2007. The Lyme Syndicate called themselves the Ad Hoc International Lyme Group in email From Wormser, "Re Second Almost Annual Meeting," 12-20-2006. McSweegan joined later.

\*\* Employer affiliations in 2007.

## Financial self-disclosures

### **IDSA Lyme Guidelines** (11/1/2006)

**Wormser:** Baxter consulting fees (Lyme vaccine); research support from Immunetics (C6 Lyme test); co-owner of Diaspex (Lyme tests).

**Dattwyler:** Pfizer speaker (Lyrica use for Lyme); Biopeptides owner/founder (Lyme tests/vaccines).

**Krause:** Babesia tick-disease test patent (with Immunetics.)

**Steere:** Baxter consulting fees (Lyme vaccine).

**Halperin:** Expert witness for Lymerix Lyme vaccine patient injury suits (GlaxoSmithKline).

### **NEJM Chronic Lyme article** (7/31/2007) *Conflicts within 2 years*

**Johnson (CDC):** Lyme test antigens patents (receives no royalties).

**Wormser:** Lyme research grants from Immunetics (C6 Lyme test), BioRad (Lyme tests), and Biopeptides (Lyme tests/vaccines); education grants from Merck (animal Lyme vaccines) and AstraZeneca to NYMC for visiting lectures for infectious-disease grand rounds; Diaspex co-owner/founder (Lyme tests now inactive), equity in Abbott (tick disease test); expert witness in a medical-malpractice case, and on retainer for medical-malpractice cases involving Lyme; may become a consultant to Biopeptides (Lyme tests/vaccines).

**Nadelman:** On retainer for medical-malpractice cases involving Lyme.

**Shapiro:** Expert witness in Lyme medical-malpractice cases; reviewed Lyme disability claims for Metropolitan Life Insurance; Speaker's fees from Merck (animal Lyme vaccines) and Sanofi-Aventis.

**Krause:** Babesia tick-disease test patent with McGill Univ. & Univ. of Colorado.

**Steere:** Viramed research grant (Lyme tests); Novartis fees (>\$10K, mfr of arthritis painkiller, Prexige)

**Feder:** Merck lecture fees (animal Lyme vaccines); expert witness in Lyme medical-malpractice cases.

**O'Connell:** Expert witness related to Lyme issues in civil and criminal cases in England.

### **Not disclosed** in NEJM Chronic Lyme article

(Source: CDC FOIA 07-00824, pg 1355-1366)

**Wormser:** Testified as expert witness in a gov't Lyme disability case.

**Schwartz:** Diaspex co-owner/founder (Lyme tests, now inactive).

**Auwaerter:** Expert witness for Lyme legal case; advisory boards for Schering-Plough (animal Lyme vaccine), Pfizer (animal Lyme vaccine), Merck (animal Lyme vaccine), Genzyme, Novartis (animal Lyme vaccine), and Ortho-Macneill (Lyme antibiotics); speaker's bureau Schering-Plough (animal Lyme vaccine).

**Dumler:** HGE tick-borne disease test patents and royalties.

**Halperin:** Expert witness in Lyme malpractice suits; reviewed Lyme disability claims for Independent Claim Consultants Network and Integrated Disability Resources.

**Bakken:** Speaker's bureau for Schering-Plough (animal Lyme vaccine).

**Green:** Expert witness for Lyme legal case; Lyme committee member at Danbury Hospital.

**Smith:** Grants from Maine Bureau of Health and Maine Outdoor Heritage Fund. (spreads IDSA agenda); speaker fees from GlaxoSmithKline (Lymerix vaccine).

**Draper:** Chair of Lyme committee at Danbury Hospital.

**Wong (NYDOH):** Reviews, validates and serves as an expert witness for Lyme tests from outside laboratories.