Richard S. Schwartz, M.D. Biopharmaceutical Clinical Research Consultant Pharmaceutical and Biotechnology Development Burlingame, California USA (Adjacent to San Francisco Airport) Tel: (650) 344-6260 FAX: (650) 579-4944 www.netwiz.net/~rss/clinicalresearch e-mail: rss@netwiz.net

RATIONALE: Recognizing that there is a shortage of individuals with the specialized training and analytical skills to develop the clinical research programs to license new products, I began in April, 1993 providing consulting services in clinical research to the pharmaceutical and biotechnology industries.

FOCUS OF CONSULTING: Clinical Research - Biotechnology and pharmaceutical drug development

PHARMACEUTICAL/BIOTECHNOLOGY EXPERIENCE

- 1993 Present: Clinical Research Consultant, Biotechnology and Pharmaceutical Development
- 1992 1993: Axion Pharmaceuticals, South San Francisco, California Vice President, Clinical Research
- 1979 1992: Bayer AG, Miles Inc., Cutter Biological, Berkeley, California Director of Clinical Research, Biologicals

THE FOLLOWING SERVICES ARE OFFERED AMONG OTHERS:

- Report preparation IND's, PLA's, NDA's, annual reports
- Clinical study design and strategy
- Preparation of study protocols
- Preparation of investigator brochures
- Medical monitoring
- Case report form design and preparation
- Identification of clinical investigators
- Analysis of data
- Parameters for statistical analysis
- Technical writing
- Manuscript and abstract preparation
- Adverse event analysis and safety reports
- Independent review or preparation of regulatory affairs submissions
- Advise and provide technical assistance for market analyses
- Preparation of or suggestions for technical graphics and slides
- New Product and due diligence evaluations for venture capital analysis

- Market research technical assistance
- Literature reviews
- FDA presentations

Available for both short-term and long-term projects

RECENT EXAMPLES OF FIELDS IN WHICH I HAVE PREPARED PROTOCOLS AND PARTICIPATED IN THE CLINICAL TRIAL DESIGNS:

Hematology	Oncology. Solid tumors
Infectious Diseases	Coagulation
Hemophilia	Bone Marrow Transplantation
Allergy	Immunology
Autoimmune Disease	Breast cancer
Pulmonary Medicine	Neurology
HIV	Cystic Fibrosis
Burns	Leukemia (ALL, AML, CLL, CML)
Multiple myeloma	Myelodysplastic syndrome (MDS)
Hematological malignancies	Malignant melanoma
Glioblastoma (GBM)	Urothelial bladder cancer
ITP, TTP	

EDUCATION:

Postdoctoral Fellowship Training in Hematology/Oncology (Stanford) NIH Fellow, American Philosophical Society Daland Fellow Residency - Internal Medicine (University of Michigan) M.D. - Stanford University School of Medicine B.S., Chemistry, University of California, Los Angeles (Magna Cum Laude, Honors) (admitted to UCLA beginning of 12th grade, as half-time student)

BOARD CERTIFICATIONS:

American Board of Internal Medicine American Board of Internal Medicine - Hematology (Adult) American Board of Internal Medicine - Oncology (Adult)

PROFESSIONAL SOCIETY MEMBERSHIPS:

American Society of Clinical Oncology (ASCO) American Society of Hematology (ASH)

KEY WORDS:

Expertise in all aspects of clinical trials (Phases I-IV) Author of many protocols, IND's, BLA's, PLA's, NDA's, and manuscripts. Experience working with both small and large biotechnology/pharmaceutical companies