CURRICULUM VITAE

NICHOLAS S. SOKOL, PH.D.
Dartmouth Medical School
Department of Genetics/Vail 609
Hanover, NH 03755

Phone: (603) 650-1940
Fax: (603) 650-1188
Email: nsokol@dartmouth.edu

EDUCATION:

2002	Damon Runyon Postdoctoral Fellow Dartmouth Medical School, Hanover, NH
2001	Ph.D. in Molecular, Cellular and Developmental Biology Yale University, New Haven, CT
1993	B.A. Double Major in Biology and Philosophy of Science Wesleyan University, Middletown, CT

RESEARCH EXPERIENCE:

2001-2005	*Damon Runyon Postdoctoral Fellow* with Professor Victor Ambros Dartmouth Medical School, Hanover, NH Functional analysis of *Drosophila* microRNAs
1995-2001	*Graduate Student* with Professor Lynn Cooley Yale University, New Haven, CT Genetic analysis of *Drosophila* Filamin, an ovarian ring canal component.
1994-1995	*Research Assistant* with Professors Joseph Hill and B. Nadal-Ginard Harvard Medical School, Boston, MA Genetic analysis of mouse voltage-gated potassium channel Kv1.4
1992	*Research Assistant* with Professor Michael Wier Wesleyan University, Middletown, CT Genetic analysis of *Drosophila* segmentation gene *hedgehog*
1990-1991	*Research Assistant* with Drs. Dorothy Hollinger and Robert McCarley Harvard Medical School, Boston, MA Studies on temporal region asymmetries of P300 topography in schizophrenic subjects.

HONORS AND AWARDS:

Leukemia and Lymphoma Special Fellowship, 2006-2009 (submitted)
Damon Runyon Postdoctoral Fellowship, 2002-2005
Hitchcock Foundation Award, 2003-2004
Keystone Symposium Fellowship, 2004
NIH Predoctoral Training Program Fellowship in Genetics, 1996-1997

PUBLICATIONS:

(8) **Sokol NS**, Ambros V. *Drosophila* miR-100, let-7 and miR-125 microRNA cluster is required for metamorphosis. Manuscript in preparation.

(7) **Sokol NS**, Ambros V. Mesodermally expressed *Drosophila microRNA-1* is regulated by Twist and is required in muscles during larval growth. *Genes and Development* (2005) **19:** In press.

Featured in: Brennecke J, Stark A and Cohen S. Not miR-ly muscular: microRNAs and muscle development. *Genes and Development* (2005).

(6) **Sokol NS**, Cooley L. *Drosophila* filamin is required for follicle cell motility during oogenesis. *Developmental Biology* (2003) **60**: 260-72.

(5) **Sokol NS***, Sempere LF*, Dubrovsky EB*, Berger EM, Ambros V. Temporal regulation of microRNA expression in *Drosophila melanogaster* mediated by hormonal signals and broad-Complex gene activity. *Developmental Biology* (2003) **259**: 9-18.

(4) Guo Y, Zhang SX, **Sokol NS**, Cooley L, Boulianne GL. Physical and genetic interaction of filamin with presenilin in *Drosophila. Journal of Cell Science* (2000) **113**:3499-3508.

(3) **Sokol NS**, Cooley L. *Drosophila* filamin, encoded by the *cheerio* locus, is a component of ovarian ring canals. *Current Biology* (1999) **9**:1221-30.

(2) Robinson DN, Smith-Leiker TA, **Sokol NS**, Hudson AM, Cooley L. Formation of the *Drosophila* ovarian ring canal inner rim depends on *cheerio*. *Genetics* (1997) **145**:1063-72.

(1) Holinger D, Faux S, Shenton M, **Sokol NS**, Seidman L, Green AI, McCarley RW. Reversed temporal region asymmetries of P300 topography in left- and right-handed schizophrenic subjects. Electroencephalography and Clinical Neurophysiology (1992) **84**:532-7.

* denotes equal contribution

INVITED PRESENTATIONS:

2005 Functional Analysis of microRNA-1
46th Annual Drosophila Research Conference, San Diego, CA

2001 The p38/JNK signaling pathways affect ovarian ring canal growth
44th Annual Drosophila Research Conference, Chicago, IL

REFERENCES:

(Graduate Advisor)
Professor Lynn Cooley
Departments of Genetics and Cell Biology
Yale University
lcooley@yale.edu

(Postdoctoral Advisor)
Professor Victor Ambros
Department of Genetics
Dartmouth Medical School
vra@dartmouth.edu

Dr. Stephen Cohen
Head of Developmental Biology Unit
EMBL Heidelberg
cohen@embl.de

Professor Yashi Ahmed
Department of Genetics
Dartmouth Medical School
yashi.ahmed@dartmouth.edu