

CURRICULUM VITAE

Mustafa Khokha, M.D.

Education:

09/88-06/91 Northwestern University, Technological Institute: B.S., Biomedical Engineering
09/90-06-95 Northwestern University Medical School: M.D. Medicine

Career:

07/95-06/96 Intern, Pediatrics, St. Louis Children's Hospital, Washington University, St. Louis, MO
07/96-06/98 Resident, Pediatrics, St. Louis Children's Hospital, Washington University, St. Louis, MO
07/98-08/02 Clinical Fellow, Pediatric Critical Care, UCSF Medical Center, San Francisco, CA
07/00-06/02 Postdoctoral Fellow, Molecular & Cell and Biology, UC-Berkeley, Laboratory of Richard Harland, Berkeley, CA
07/02-06/04 Clinical Instructor, Pediatric Critical Care, UCSF Medical Center, San Francisco, CA
07/02-06/06 Assistant Researcher, Molecular & Cell and Biology, UC-Berkeley, Berkeley, CA
07/04-06/06 Adjunct Assistant Professor, Pediatrics (Critical Care), UCSF Medical Center, San Francisco, CA
07/06-pres Assistant Professor, Pediatrics (Critical Care), Yale School of Medicine

Board Certification

American Board of Pediatrics, 10/2000-12/07
American Board of Pediatrics, Sub-Board, Pediatric Critical Care Medicine, 08/02-12/09

Professional Honors or Recognition:

1993 Howard Hughes Medical Institute Medical Student Research Fellow
1999-2002 Pediatric Scientist Development Program (PSDP) Fellow

Lectures, Courses:

Course:

7/01, 7/02 Teaching Assistant, Frog Section, Woods Hole Embryology
4/06 Lecturer, Cold Spring Harbor, Xenopus Course

Invited Seminars:

12/2004 Lawrence Livermore National Labs, Genome Biology Division
1/2005 University of Texas-Southwestern, Department of Pediatrics
2/2005 Washington University School of Medicine – Department of Pediatrics

Bibliography:

Iannaccone P.M., Zhou X., **Khokha M.**, Boucher D., and Kuehn M.R. Insertional mutation of a gene involved in growth regulation of the early mouse embryo. (1992) *Developmental Dynamics* 194:198-208.

Khokha M.K., Landini G., and Iannaccone P.M. Fractal geometry in rat chimeras demonstrates that repetitive cell division programs may generate liver parenchyma. (1994) *Developmental Biology* 165:545-555.

Carone F.A., Nakamura S., Bacallao R., Nelson W.J., **Khokha M.**, and Kanwar, Y.S. Impaired

tubulogenesis of cyst-derived cells from autosomal dominant polycystic kidneys. (1995) *Kidney International* 47:861-868.

Khokha M.K., Chung C., Bustamante E.L., Gaw L.W.K., Trott K.A., Yeh J., Lim N., Lin J.Y.C., Taverner N., Amaya E., Papalopulu N, Smith J.C., Zorn A.M., Harland R.M., and Grammer T. C.. Techniques and Probes for the study of *Xenopus tropicalis* development. (2002) *Developmental Dynamics* 225:499-510.

Khokha M.K., Hsu D., Brunet L.J., Dionne M.S., Harland R.M. Gremlin is the BMP antagonist required for maintenance of Shh and Fgf signals during limb patterning. (2003) *Nature Genetics* Jul;34(3):303-7.

Trott K.A., Stacy B.A., Lifland B.D., Diggs H.E., Harland R.M., **Khokha M.K.**, Grammer T.C., and Parker J.M. Characterization of a Mycobacterium ulcerans-like infection in a colony of African tropical clawed frogs (*Xenopus tropicalis*). (2004) *Comparative Medicine* Jun;54(3):309-17.

Grammer T.C., **Khokha M.K.**, Lane M.A., Lam K., Harland R.M. Identification of Mutants in Inbred *Xenopus tropicalis*. *Mechanisms of Development* 2005 Mar;122(3):263-72.

Khokha M.K., Yeh J., Grammer T.C., Harland RM. Depletion of Three BMP Antagonists from Spemann's Organizer Leads to a Catastrophic Loss of Dorsal Structures. *Developmental Cell* 2005 Mar;8(3):401-11.

Khokha MK, Loots GG. Strategies for characterising cis-regulatory elements in *Xenopus*. *Brief Funct Genomic Proteomic*. 2005 May;4(1):58-68.

Wills A, Harland RM, **Khokha MK**. Twisted gastrulation is required for forebrain specification and cooperates with Chordin to inhibit BMP signaling during *X. tropicalis* gastrulation. *Dev Biol*. 2006 Jan 1;289(1):166-78.

Choi, VM, Harland RM, **Khokha MK**. Developmental Expression of FoxJ1.2, FoxJ2, and FoxQ1 in *Xenopus tropicalis*. *Gene Exp Patterns* 2006 Feb 3