

# ANATOLE KONOWAL

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## **OBJECTIVE**

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Dynamic, problem-solving Environmental Scientist with excellent analytical, communication, and organizational skills seeking a junior level position with an environmental consulting company that will provide opportunity for continual professional growth and success.

## **EDUCATION**

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**M.S. University of Colorado-Denver**  
-*Environmental Sciences*, July 2010  
-*Thesis*: Leukemogenic Potential of Occupational Peak Exposures to 1,3-Butadiene; under the direction of Dr. David W. Pyatt  
-*Relevant coursework*: Introduction to Environmental Engineering, Environmental Chemistry, Environmental Biology, Human Health Risk Assessment, Environmental Epidemiology, Environmental Geology, Environmental Pollution and Human Health, Toxicology  
-*GPA* 3.95

**B.S. University of Illinois at Urbana-Champaign**  
*Major*: Microbiology; *Minor*: Chemistry, May 1995

## **TRAINING**

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**Participant**, Dose Response Assessment Boot Camp (Toxicology Excellence for Risk Assessment), Falls Church, VA, October 2010 (certification)  
-Derivation and evaluation of risk values  
-Training in hazard characterization and dose response assessment for human health risk assessment (cancer and non-cancer principles and methods)

## **WORK EXPERIENCE**

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**Embryologist/Andrologist**, University of Colorado, Advanced Reproductive Medicine, Denver, CO. 2001-present.  
-Duties include maintaining, supervising, and assisting in all daily operations of the Assisted Reproductive Technologies (ART) Laboratories (IVF and Andrology) at University of Colorado Hospital.  
-Oocyte retrievals, intracytoplasmic sperm injection (ICSI) and *in vitro* fertilization (IVF) of oocytes, embryological assessment, embryo assisted hatching (AH), embryo transfers, embryo and gamete cryopreservation.

**Lab Researcher II**, National Jewish Medical and Research Center, Department of Immunology, Denver CO. 1999-2000.  
-Worked in the laboratory of Dr. Willi Born studying gamma-delta T cells; Particularly their role in regulating airway hyperresponsiveness in the lung.

**Lab Researcher II**, National Jewish Medical and Research Center, Department of Pediatrics, Denver, CO. 1996-1998.  
-Worked in the laboratory of Dr. Valerie Fadok identifying the phosphatidylserine (PS) –specific receptor found on the surface of stimulated human monocyte-derived macrophages (HMDMs).

## **COMPUTER EXPERIENCE**

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Microsoft Access, Excel, PowerPoint, Word, Filemaker Pro, Epi Info, ProUCL, RDDR, BMDS 2.1.1

## **PUBLICATIONS**

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Lahn M, Kanehiro A, Takeda K, Terry J, Hahn YS, Aydintug MK, Konowal A, Ikuta K, O'Brien RL, Gelfand EW, Born WK. 2002. **MHC class 1-dependent Vgamma4+ pulmonary T cells regulate alpha beta T cell-independent airway responsiveness.** *Proc. Natl. Acad. Sci.* 99 (13): 8850-8855.

Lahn M, Kanehiro A, Takeda K, Konowal A, O'Brien RL, Gelfand EW, Born WK. 2001. **Gammadelta T cells as regulators of airway hyperresponsiveness.** *Int. Arch. Allergy Immunol.* 125 (3): 203-210.

Fadok VA, Bratton DL, Konowal A, Freed PW, Westcott JY, Henson PM. 1998. **Macrophages that have ingested apoptotic cells in vitro inhibit proinflammatory cytokine production through autocrine/paracrine mechanisms involving TGF-beta, PGE2, and PAF.** *J. Clin. Invest.* 101 (4): 890-898.

## **ABSTRACTS**

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**Evaluation of products from embryo culture and their correlation with pregnancy outcome (O-141).** R Alvero, A Konowal, D Russell, M Rosario, D Kelk, T Phillips. ASRM 60<sup>th</sup> Annual Meeting, October 16-20, 2004. Philadelphia, Pennsylvania.

**Does catheter type utilized for intrauterine insemination affect pregnancy rates?** K Dorsey, C Foley, J Jones, A Konowal, D Kelk, D Smith. ASRM 60<sup>th</sup> Annual Meeting, October 16-20, 2004. Philadelphia, Pennsylvania.

**Vgamma4+ T cells are a small but potent subset of T cells in regulating AHR in mice.** M Lahn, A Kanehiro, K Takeda, A Konowal, A Joetham, G Kohler, RL O'Brien, EW Gelfand, WK Born. ATS 95<sup>th</sup> Annual International Conference, May 5-10, 2000. Toronto, Ontario.

**Recognition of phosphatidylserine on apoptotic cells by human macrophages is associated with CD36 and with inhibition of proinflammatory cytokine secretion.** VA Fadok, ML Warner, A Konowal, DL Bratton, PM Henson. 32<sup>nd</sup> National Meeting of the Society for Leukocyte Biology, December 4-7, 1997. Baltimore, Maryland.

## **CERTIFICATIONS**

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Technical Supervisor of Andrology (American Board of Bioanalysis)-July 2006

## **MEMBERSHIPS**

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The Consortium for Research and Education on Emerging Contaminants (CREEC)  
International Society of Exposure Science (ISES)  
Society of Environmental Toxicology and Chemistry (SETAC)  
American Society for Reproductive Medicine (ASRM)  
American Association of Bioanalysts (AAB), College of Reproductive Biology (CRB)