

CURRICULUM VITAE

Chad Anthony Johnson, PhD, HCLD

IVF Consulting, Inc.

115 Canongate Kirk Circle

Milton, Georgia 30004

(770) 363-1287

Atlanta, Georgia 30004

Education

Ph.D. Program	Animal Physiology 1/84-6/87	Clemson University Clemson, South Carolina
M.S. Program	Animal Science 1/82-12/83	Louisiana State University Baton Rouge, Louisiana
Undergraduate	Animal Science 9/77-6/81	University of Delaware Newark, Delaware

Professional Employment

9/2017-present	Director, IVF Laboratory, PREG Fertility Center
9/2017-present	Director, IVF Laboratory, Art Fertility Program of Alabama
10/98-8/2017	Director, Reproductive Laboratory Services, Colorado Center for Medicine, Atlanta, GA
6/98-2015	Director (Off-site), IVF Laboratory Director, ECU Women's Physicians, Greenville, NC (IVF Laboratory Consulting, Inc.)
8/12-12/13	Director (off-site) IVF Laboratory Director, Atlantic Reproductive Medicine Specialists, Raleigh, NC (IVF Consulting, Inc.)
1/00-3/08	Director (Off-site), IVF Laboratory Director, The Christ Hospital, Cincinnati, OH (IVF Laboratory Consulting, Inc.)
6/98-10/00	Director (Off-site), IVF Laboratory Director, Center for Reproduction and Fertility, Spokane, WA (IVF Laboratory Consulting, Inc.)
7/92-9/98	Director, IVF and Reproductive Studies Laboratories, Bethesda Hospital, Cincinnati, OH
1/98-8/98	Clinical Consultant (ICSI procedures), Walter Reed Army Medical Center, Washington, DC
10/96-5/98	Co-founder, Reproductive Laboratory Consultants, Inc.
1/94-6/97	Research Collaborator, The Center for Reproduction of Endangered Wildlife, Cincinnati Zoo, Cincinnati, OH
6/89-6/92	Director, Reproductive Diagnostics, Inc., Columbus, OH
6/89-6/92	Laboratory Supervisor, Cryobiology, Inc. Columbus, OH
8/87-5/89	Director, IVF and Andrology Laboratories, Christiana Hospital, Newark, DE

Professional Activity

Board Certification

12/94 High Complexity Laboratory Director (HCLD), American Board of Bioanalysis, St. Louis, MO

Service to Professional Societies

10/2003-04 Chair, Reproductive Biology Professional Group, ASRM
10/2000-01 Program Chair, Reproductive Biology Professional Group, ASRM
4/96-10/99 Nominating Committee, Reproductive Biology Professional Group, American Society of Reproductive Medicine
11/94-11/95 Program Committee, Reproductive Biology Professional Group, American Society of Reproductive Medicine
1/94-12/94 Planning Committee, Reproductive Council, American Association of Tissue Banks
7/95-7/96 Reviewer, Journal of Assisted Reproduction and Genetics

Publications

Book Chapters

Johnson, CA and J Boldt. Assisted Fertilization: Techniques, applications and consequences. *In* J May (ed.): Assisted Reproduction: Laboratory Considerations, Infertility Clinics of North America, W.B. Saunders, 1998, p 205.

Quality Assurance in the Embryology, Andrology and Endocrine Laboratories. Johnson, CA, T Kellum and JP Boldt. Handbook of the Assisted Reproduction Laboratory, CRC Press, 2000, p 279.

Teaching Appointments

1/82-12/83 Research/Teaching Assistant, Louisiana State University, Baton Rouge, LA
1/84-6/87 Research/Teaching Assistant, Clemson University, Clemson, SC

Journals

S.F. Mullen, Y. Agca, D.C. Broermann, C.L. Jenkins, C.A. Johnson, and J.K. Critser. The effect of osmotic stress on the metaphase II spindle of human oocytes, and the relevance to cryopreservation. *Hum. Reprod.*, May 2004; 19: 1148 - 1154.

Pope, CE BL Dresser, NW Chin, JH Liu, NM Loskutoff, C Brown, MA McRae, CE Sinoway, MK Campbell, KN Cameron, OM Owens, CA Johnson, RR Evans and MI Cedars. 1997. Birth of a Western Lowland Gorilla (*Gorilla gorilla gorilla*) following in vitro fertilization and embryo transfer. *Am. J. Primatol.* 41:247.

Hofmann, GE, J. Khoury, CA Johnson, J. Thie and R.T. Scott. 1996. Premature luteinization during controlled ovarian hyperstimulation for in vitro fertilization-embryo transfer has no impact on pregnancy outcome. *Fert. Steril.* 66:980.

Pope, CE, CA Johnson, MA McRae, GL Keller and BL Dresser. 1996. Development of embryos produced by intracytoplasmic sperm injection of domestic cat oocytes. *Emb. Trans. Soc. Proc.* (Abstr).248.

Pope, CE, CA Johnson, MA McRae, GL Keller and BL Dresser. 1995. In vitro and in vivo development of domestic cat oocytes following intracytoplasmic sperm injection or subzonal insemination. *Inter. Emb. Trans. Soc. Proc.* (Abstr).302.

Hofmann, GE, CA Johnson, RT Scott. 1995. Sperm critical morphology does not predict pregnancy outcome in the general infertility population. *Amer.Soc.Reprod. Med.* (Abstr) S49.

Hofmann, GE, BA Santilli, S. Kindig, RT Scott, Jr. and CA Johnson. 1995. Intraobserver, interobserver variation of sperm critical morphology: comparison of examiner and computer-assisted analysis. *Fert. Steril.* 65:1021.

Johnson, CA, GE Hofmann and RT Scott. 1994. The use of oil overlay in in vitro fertilization and culture. *Assist. Reprod. Rev.*, 4:198.

Baird WC, CA Johnson, CL Jenkins, SR Williams and GE Schmidt. 1992. Refreezing one-cell mouse embryos as a method of improved learning and quality control in a human embryo cryopreservation program. *Amer. Fertil. Soc.*(Abstr) S143.

Baird, WC, CA Johnson, SR Williams, RA Godke, CL Jenkins and G Schmidt. 1990. Blastocyst formation in the mouse following co-culture on hamster cumulus cell monolayers. *Amer. Fertil. Soc.* (Abstr) S9.

Johnson, CA and T Gimenez. 1986. Effect of an intraovarian B-adrenergic blocker on ovarian function in the cow. *Biol. Reprod.* 34 (suppl.1) 126.

Voelkel, SA, SD Viker, CA Johnson, KG Hill, PE Humes and RA Godke. 1985. Multiple embryo-transplant offspring produced from quartering a bovine embryo at the morula stage. Vet. Rec. 117:528.

Johnson, CA, JF Evans, DL Thompson, and RA Godke. 1984. The use of hCG to increase progesterone levels and pregnancy rates in embryo recipient cattle. Anim. Sci. (Suppl) (Abstr).

Looney, CR, AJ Oden, JM Massey, CA Johnson and RA Godke. 1984. Pregnancy rates following hCG administration at the time of transfer in embryo recipient cattle. Theriogenol. 21:246.

Schiewe, MC, CR Looney, KG Hill, CA Johnson, and RA Godke. 1983. Transferrable embryo recovery rates following different artificial; insemination schedules in donor beef cattle. Theriogenol. 19:147.

Ph.D. Dissertation:

"Corpus luteum function during the estrous cycle and the first trimester of pregnancy in the cow" (6/87) Clemson University, Department of Animal Physiology.

M.S. Thesis:

"Enhancement of luteal function in embryo recipient cattle" (12/83), Louisiana State University, Animal Science Department.

Membership in Professional Organizations

American Society for Reproductive Medicine
College of Reproductive Biology (AAB)
American Association of Tissue Banks
American Association of Bioanalysts

Professional Achievements

11/93 Developed the first Intracytoplasmic Sperm Injection (ICSI) program in the

- Cincinnati/Tri-state area, with the first birth in the same
- 7/94 Birth of the world's first domestic kitten derived from Subzonal Insertion (SUZI performed by CAJ)
 - 4/95 Birth of the world's first domestic kitten from Intracytoplasmic Sperm Injection (ICSI performed by CAJ)
 - 10/95 Birth of the world's first In Vitro Fertilization gorilla (laboratory staff member)