

CURRICULUM VITAE

SALAH E. ABDELGADIR

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EMBRYOLOGIST, TECHNICAL SUPERVISOR, LABORATORY DIRECTOR

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EDUCATION AND TRAINING:

LABORATORY DIRECTOR ANDROLOGY/EMBRYOLOGY LABORATORY, NEVADA FERTILITY CARES
LAS VEGAS, NEVADA, FEBRUARY 2008 – PRESENT

LABORATORY DIRECTOR ANDROLOGY/EMBRYOLOGY LABORATORY, AURORA FERTILITY SERVICES
GREEN BAY & WEST ALLIS, WISCONSIN, SEPTEMBER 2002 – JANUARY 2008

LABORATORY DIRECTOR ANDROLOGY/EMBRYOLOGY LABORATORY, NEVADA FERTILITY CARES
LAS VEGAS, NEVADA, JULY 1999 – AUGUST 2002

LABORATORY DIRECTOR EMBRYOLOGY LABORATORY, DEPARTMENT OF OBSTETRICS & GYNECOLOGY
UNIVERSITY OF NEVADA SCHOOL OF MEDICINE, LAS VEGAS, NEVADA, OCTOBER
1997 – JULY 1999

LABORATORY DIRECTOR ANDROLOGY/EMBRYOLOGY LABORATORY, DEPARTMENT OF REPRODUCTIVE
ENDOCRINOLOGY, MEDCENTER ONE, BISMARCK, NORTH DAKOTA, OCTOBER 1996
– OCTOBER 1997

STAFF OREGON REGIONAL PRIMATE RESEARCH CENTER, BEAVERTON, OREGON, 1994 -
1996

SCIENTIST MAJOR: PRIMATE IN VITRO FERTILIZATION AND ANDROLOGY
ADVISOR: DON P. WOLF, PH.D., HCLD

POSTDOCTORAL FELLOW OREGON HEALTH SCIENCES UNIVERSITY, PORTLAND, OREGON, 1987 - 1994
MAJOR: REPRODUCTIVE AND MOLECULAR ENDOCRINOLOGY
ADVISOR: JOHN A. RESKO, PH.D.

PH.D. OREGON STATE UNIVERSITY, CORVALLIS, OREGON, 1987
MAJOR: PHYSIOLOGY
MINOR: BIOCHEMISTRY
DISSERTATION: OXYTOCIN SYNTHESIS AND RELEASE FROM THE BOVINE
CORPUS LUTEUM
ADVISOR: FREDRICK STORMSHAK, PH.D.

M.Sc. OREGON STATE UNIVERSITY, CORVALLIS, OREGON, 1983
MAJOR: PHYSIOLOGY AND NUTRITION
THESIS: EFFECTS OF SELENIUM AND GLUTATHIONE PEROXIDASE ON THE
BIOSYNTHESIS OF PROSTAGLANDINS E₂ AND F_{2α} BY THE RAM
VESICULAR GLAND
ADVISOR: JAMES E. OLDFIELD, PH.D.

B.V. Sc. UNIVERSITY OF KHARTOUM, KHARTOUM, SUDAN, 1977
MAJOR: VETERINARY SCIENCE AND MEDICINE

ACADEMIC AND PROFESSIONAL APPOINTMENTS:

FEBRUARY 2008 – PRESENT

LABORATORY DIRECTOR, TECHNICAL SUPERVISOR, EMBRYOLOGIST

ANDROLOGY/EMBRYOLOGY LABORATORIES, NEVADA FERTILITY CARES, 653 N. TOWN CENTER DRIVE SUITE 206, LAS VEGAS, NEVADA 89144

- **HIGH-COMPLEXITY CLINICAL LABORATORY DIRECTOR OF A FULL-SERVICE LABORATORY PERFORMING ALL ASPECTS OF ANDROLOGY/EMBRYOLOGY/CLINICAL CHEMISTRY AND ASSISTED REPRODUCTIVE TECHNOLOGIES INCLUDING IN VITRO FERTILIZATION, ICSI, EMBRYO HATCHING, CRYOPRESERVATION, THAWING, TRANSFER, PRE-IMPLANTATION GENETIC SCREENING, OOCYTE, SPERM AND EMBRYO DONATION, SEMEN ANALYSIS, SPERM WASH, SEMEN CRYOPRESERVATION AND HORMONE ASSAYS.**

SEPTEMBER 2002 – JANUARY 2008

LABORATORY DIRECTOR, TECHNICAL SUPERVISOR, EMBRYOLOGIST

ANDROLOGY/EMBRYOLOGY LABORATORIES, AURORA FERTILITY SERVICES, 2845 GREENBRIER ROAD, SUITE 350, P.O. BOX 8900, GREEN BAY, WISCONSIN 54308 & 8901 W. LINCOLN AVENUE, WEST ALLIS, WISCONSIN 53227

- **HIGH-COMPLEXITY CLINICAL LABORATORY DIRECTOR OF TWO FULL-SERVICE LABORATORIES PERFORMING ALL ASPECTS OF ANDROLOGY/EMBRYOLOGY/CLINICAL CHEMISTRY AND ASSISTED REPRODUCTIVE TECHNOLOGIES INCLUDING IN VITRO FERTILIZATION, ICSI, EMBRYO HATCHING, CRYOPRESERVATION, THAWING, TRANSFER, PRE-IMPLANTATION GENETIC SCREENING, OOCYTE, SPERM AND EMBRYO DONATION, SEMEN ANALYSIS, SPERM WASH, SEMEN CRYOPRESERVATION AND HORMONE ASSAYS.**
- **DESIGNED AND ESTABLISHED VERY SUCCESSFUL ANDROLOGY, EMBRYOLOGY AND CLINICAL CHEMISTRY LABORATORIES AT GREEN BAY AND WEST ALLIS, WISCONSIN.**

JULY 1999 – AUGUST 2002

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AUGUST 1997 – JUNE 1999

LABORATORY DIRECTOR, ASSISTANT PROFESSOR, EMBRYOLOGIST

EMBRYOLOGY LABORATORY, UNIVERSITY INSTITUTE FOR FERTILITY, DEPARTMENT OF OBSTETRICS & GYNECOLOGY, UNIVERSITY OF NEVADA SCHOOL OF MEDICINE, 1707 W. CHARLESTON BLVD., SUITE 110, LAS VEGAS, NEVADA 89102

- **DIRECTED A FULL-SERVICE LABORATORY PERFORMING ALL ASPECTS OF EMBRYOLOGY AND ASSISTED REPRODUCTIVE TECHNOLOGIES INCLUDING IN VITRO FERTILIZATION, ICSI, EMBRYO CRYOPRESERVATION, THAWING, TRANSFER, SPERM WASH AND SEMEN CRYOPRESERVATION.**

OCTOBER 1996 – OCTOBER 1997

EMBRYOLOGIST/LABORATORY DIRECTOR

ANDROLOGY/EMBRYOLOGY LABORATORY, DEPARTMENT OF REPRODUCTIVE ENDOCRINOLOGY,
MEDCENTER ONE, BISMARCK, NORTH DAKOTA 58506

- DIRECTED A FULL-SERVICE LABORATORY PERFORMING ALL ASPECTS OF ANDROLOGY, EMBRYOLOGY AND ASSISTED REPRODUCTIVE TECHNOLOGIES. THESE INCLUDED SEMEN ANALYSIS, SPERM PREPARATION FOR INTRAUTERINE INSEMINATION, IN VITRO FERTILIZATION, ICSI, EMBRYO FREEZING-THAWING AND TRANSFER.

NOVEMBER 1994 – SEPTEMBER 1996

STAFF SCIENTIST

DIVISION OF REPRODUCTIVE SCIENCES, OREGON REGIONAL PRIMATE RESEARCH CENTER,
BEAVERTON, OREGON

RESPONSIBILITIES:

- DEVELOPED AND EXECUTED INDEPENDENT RESEARCH PROGRAMS.

ACHIEVEMENTS:

- UTILIZED THE NONHUMAN PRIMATE MODULE (RHESUS MONKEY) TO LEARN ALL ASPECTS OF ASSISTED REPRODUCTIVE TECHNOLOGIES INCLUDING IVF, ICSI, EMBRYO CULTURE, EVALUATION, CRYOPRESERVATION AND TRANSFER.
- USED *IN SITU* HYBRIDIZATION, QUANTITATIVE PCR ANALYSIS AND FLUORESCENT IMMUNOCYTOCHEMISTRY TO STUDY THE EXPRESSION OF C-MOS MRNA AND PROTEIN IN RHESUS MONKEY OVARY, OOCYTES AND PREIMPLANTATION EMBRYOS.
- USED PRIMERS FROM THE AMELOGENIN GENES IN X AND Y CHROMOSOMES TO STUDY THE FEASIBILITY OF PREIMPLANTATION SEX DIAGNOSIS IN THE RHESUS MONKEY.
- USED REVERSE TRANSCRIPTION AND PCR TO CLONE PART OF THE MONKEY C-MOS ONCOGENE.
- SEQUENCED THE MONKEY C-MOS ONCOGENE CDNA.
- USED THE MOUSE CULTURE EMBRYO BIOASSAY FOR QUALITY CONTROL PROCEDURES.
- PROVIDED THE HUMAN IVF CLINIC AT THE OREGON HEALTH SCIENCES UNIVERSITY WITH 2-CELL MOUSE EMBRYOS FOR USE IN QUALITY CONTROL PROCEDURES.

OCTOBER 1987 – OCTOBER 1994

RESEARCH ASSOCIATE

DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY, SCHOOL OF MEDICINE, OREGON HEALTH
SCIENCES UNIVERSITY, PORTLAND, OREGON 97201

RESPONSIBILITIES:

- DEVELOPED AND EXECUTED INDEPENDENT RESEARCH PROGRAMS.

ACHIEVEMENTS:

- USED REVERSE TRANSCRIPTION AND PCR TO CLONE PART OF THE MONKEY AROMATASE CYTOCHROME P450 CDNA.
- SEQUENCED THE MONKEY AROMATASE CYTOCHROME P450 CDNA.
- USED REVERSE TRANSCRIPTION AND PCR AMPLIFICATION TO CLONE A SEGMENT OF THE HORMONE BINDING DOMAIN OF THE MONKEY ANDROGEN RECEPTOR CDNA.
- SEQUENCED THE MONKEY ANDROGEN RECEPTOR CDNA.
- DEVELOPED RIBONUCLEASE PROTECTION ASSAYS FOR MONKEY ANDROGEN RECEPTOR AND AROMATASE CYTOCHROME P450.
- COMPLETED A STUDY TO LOCALIZE THE EXPRESSION OF ANDROGEN RECEPTOR AND AROMATASE CYTOCHROME P450 IN THE FETAL AND ADULT RHESUS MONKEY BRAINS AND PERIPHERAL TISSUES.
- DEVELOPED AND VALIDATED RIBONUCLEASE PROTECTION ASSAYS FOR RAT ANDROGEN RECEPTOR AND AROMATASE CYTOCHROME P450.
- COMPLETED A STUDY ON ANDROGEN REGULATIONS OF AROMATASE CYTOCHROME P450 MRNA AND ACTIVITY IN THE RAT BRAIN.

- COMPLETED A STUDY ON STEROID ACTION ON EXPRESSION OF ANDROGEN RECEPTOR GENE IN RAT PROSTATE AND BRAIN.
- COMPLETED A STUDY ON ANDROGEN RECEPTOR BINDING IN PERIPHERAL TISSUES OF FETAL RHESUS MONKEY.
- PARTICIPATED IN A STUDY OF THE EFFECTS OF ANDROGENS AND AROMATASE INHIBITION ON ANDROGEN RECEPTOR BINDING IN BRAIN AND LUTEINIZING HORMONE SECRETION IN ADULT CYNOMOLGUS MONKEYS.
- PREPARED MANUSCRIPTS FOR PUBLICATION AND PRESENTATION IN NATIONAL MEETINGS.

OCTOBER 1987 – SEPTEMBER 1989

POSTDOCTORAL FELLOW

DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY, SCHOOL OF MEDICINE, OREGON HEALTH SCIENCES UNIVERSITY, PORTLAND, OREGON 97201

RESPONSIBILITIES:

- ESTABLISH A LABORATORY FOR MOLECULAR ENDOCRINOLOGY RESEARCH.
- TRAIN A TECHNICIAN IN MOLECULAR BIOLOGY METHODOLOGY.

ACHIEVEMENTS:

- ESTABLISHED A LABORATORY FOR MOLECULAR ENDOCRINOLOGY RESEARCH INCLUDING THE PURCHASE OF ALL EQUIPMENT AND CHEMICALS.
- TRAINED A TECHNICIAN IN MOLECULAR BIOLOGY.
- TESTED HUMAN AND RAT cDNA PROBES FOR MEASUREMENT OF ANDROGEN RECEPTOR mRNA.
- SUPERVISED TWO TECHNICIANS IN LABORATORY SUPPORT PROCEDURES.

JULY 1983 – JULY 1987

RESEARCH ASSISTANT (PH.D. PROGRAM)

DEPARTMENT OF ANIMAL SCIENCES, OREGON STATE UNIVERSITY, CORVALLIS, OREGON 97331

RESPONSIBILITIES AND ACHIEVEMENTS:

- INITIATED AND COMPLETED INDEPENDENT RESEARCH PROGRAM ON OXYTOCIN SECRETION.
- DEVELOPED AND VALIDATED OXYTOCIN RADIOIMMUNOASSAY.
- TRAINED AND DIRECTED A GRADUATE STUDENT IN RADIOIMMUNOASSAY AND RESEARCH PROGRAM.

MAY 1980 – JULY 1983

GRADUATE STUDENT (M.SC. PROGRAM)

DEPARTMENT OF ANIMAL SCIENCES, OREGON STATE UNIVERSITY, CORVALLIS, OREGON 97331

RESPONSIBILITIES AND ACHIEVEMENTS:

- INITIATED AND COMPLETED INDEPENDENT RESEARCH PROGRAM ON EFFECTS OF PROSTAGLANDINS AND SELENIUM ON GLUTATHIONE PEROXIDASE ACTIVITY.
- DEVELOPED AND VALIDATED RADIOIMMUNOASSAY FOR PROSTAGLANDIN F_{2c} AND E₂.
- MEASURED SELENIUM CONCENTRATIONS AND GLUTATHIONE PEROXIDASE ACTIVITY.

JULY 1978 – APRIL 1980

RESEARCH OFFICER

DEPARTMENT OF BIOCHEMISTRY, VETERINARY RESEARCH ADMINISTRATION, KHARTOUM, SUDAN

RESPONSIBILITIES AND ACHIEVEMENTS:

- CONDUCTED RESEARCH ON TOXICANT AND ENZYMES.
- SUPERVISED TECHNICAL STAFF.

JULY 1977 – JUNE 1978

VETERINARY OFFICER

OMDURMAN VETERINARY HOSPITAL, OMDURMAN, SUDAN

RESPONSIBILITIES:

- PROVIDED HEALTH CARE AND PERFORMED SURGERY.
- SUPERVISED TECHNICAL STAFF.

JUNE 1972 – JULY 1977

BACHELOR OF VETERINARY SCIENCE, B.V.Sc.

FACULTY OF VETERINARY SCIENCE, UNIVERSITY OF KHARTOUM, KHARTOUM, SUDAN

- BACHELOR DEGREE IN VETERINARY SCIENCE, VETERINARY MEDICINE AND VETERINARY SURGERY.

PUBLICATIONS:

ABDELGADIR S.E., C.E. ROSELLI, J.V.A. CHOATE AND J.A. RESKO. 1999. DISTRIBUTION OF ANDROGEN RECEPTOR MESSENGER RIBONUCLEIC ACID IN FETAL AND ADULT BRAINS AND PERIPHERAL TISSUES. *BIOL. REPROD.* 60(5):1251-1256.

DUFFY D.M., **S.E. ABDELGADIR**, K.R. STOTT, J.A. RESKO, R.L. STOFFER AND M.B. ZELINSKI-WOOTEN. 1999. ANDROGEN RECEPTOR MRNA EXPRESSION IN THE RHESUS MONKEY OVARY. *ENDOCRINE.* 11(1):23-30.

ROSELLI, C.E., **S.E. ABDELGADIR** AND J.A. RESKO. 1998. ANATOMIC DISTRIBUTION AND REGULATION OF AROMATASE GENE EXPRESSION IN THE RAT BRAIN. *BIOL. REPROD.* 58(1):79-87.

ABDELGADIR S.E., C.E. ROSELLI, J.V.A. CHOATE AND J.A. RESKO. 1997. DISTRIBUTION OF AROMATASE CYTOCHROME P450 MESSENGER RIBONUCLEIC ACID IN FETAL AND ADULT RHESUS MONKEY BRAINS. *BIOL. REPROD.* 57(4):772-777.

ROSELLI C.E., **S.E. ABDELGADIR** AND J.A. RESKO. 1997. REGULATION OF AROMATASE GENE EXPRESSION IN THE ADULT RAT BRAIN. *BRAIN RESEARCH BULLETIN* 44(4):351-357.

ROSELLI C.E., **ABDELGADIR S.E.**, E. JORGENSEN, AND J.A. RESKO. 1996. SEX DIFFERENCES IN ANDROGEN REGULATED CYTOCHROME P450 AROMATASE MRNA IN THE RAT BRAIN. *ENDOCRINE* 5(1):59-65.

ABDELGADIR S.E., J.A. RESKO, S.R. OJEDA, E.D. LEPHART, M.J. MCPHAUL AND C.E. ROSELLI. 1994. ANDROGENS REGULATE AROMATASE CYTOCHROME P450 MESSENGER RIBONUCLEIC ACID IN THE RAT BRAIN. *ENDOCRINOLOGY* 135(1):395-401.

ABDELGADIR S.E., J.R. JAEGER, J.E. OLDFIELD, L.H. APPELL AND F. STORMSHAK. 1994. OXYTOCIN SYNTHESIS AND SECRETION FROM BOVINE CORPORA LUTEA EXPOSED *IN VITRO* TO CYCLOHEXIMIDE AND COLCHICINE. *DOMESTIC ANI. ENDOCRINOL.* 11(4):349-354.

ABDELGADIR S.E., P.B. CONNOLLY AND J.A. RESKO. 1993. ANDROGEN REGULATION OF ANDROGEN RECEPTOR MESSENGER RIBONUCLEIC ACID DIFFERS IN RAT PROSTATE AND SELECTED BRAIN AREAS. *MOL. CEL. NEUROSCI.* 4(6):532-537.

RESKO J.A., P.B. CONNOLLY, C.E. ROSELLI, S.E. ABDELGADIR AND J.V.A. CHOATE. 1993. DIFFERENTIAL EFFECTS OF AROMATASE INHIBITION ON LUTENIZING HORMONE SECRETION IN INTACT AND CASTRATED MALE CYNOMOLGUS MACAQUES. J.CLIN. ENDOCRINOL. METAB. 77(6):1529-1534.

RESKO J.A., P.B. CONNOLLY, C.E. ROSELLI, S.E. ABDELGADIR AND J.V.A. CHOATE. 1993. SELECTIVE ACTIVATION OF ANDROGEN RECEPTORS IN THE SUBCORTICAL BRAIN OF MALE CYNOMOLGUS MACAQUES AND ITS RELATIONSHIP TO ANDROGEN-DEPENDENT AROMATASE ACTIVITY. J. CLIN. ENDOCRINOL. METAB. 76(6):1588-1593.

RESKO J.A., S.E. ABDELGADIR AND P.B. CONNOLLY. 1991. ANDROGEN METABOLISM BY HEPATIC AND RENAL TISSUES OF THE FETAL RHESUS MONKEY. J. STEROID BIOCHEM. MOL. BIOL. 38(4):513-521.

ABDELGADIR S.E., P.B. CONNOLLY AND J.A. RESKO. 1990. ANDROGEN BINDING IN PERIPHERAL TISSUES OF FETAL RHESUS MACAQUES: EFFECTS OF ANDROGEN METABOLISM IN LIVER. J. STEROID BIOCHEM. MOL. BIOL. 37(4):545-551.

COSOLA C.A., L.H APPELL, S.E. ABDELGADIR AND F. STORMSHAK. 1990. STIMULATION OF BOVINE LUTEAL OXYTOCIN SECRETION *IN VITRO* BY PHORBOL ESTER AND CALCIUM IONOPHORE. J. ANIM. SCI. 68(8):2465-2470.

ABDELGADIR S.E., L.V. SWANSON, J.E. OLDFIELD AND F. STORMSHAK. 1987. PROSTAGLANDIN F_{2α}-INDUCED RELEASE OF OXYTOCIN FROM BOVINE CORPORA LUTEA *IN VITRO*. BIOL. REPROD. 37:550-555.

STORMSHAK F., M.B. ZELINISKI-WOOTEN AND S.E. ABDELGADIR. 1987. COMPARATIVE ASPECTS OF THE REGULATION OF CORPUS LUTEUM FUNCTION IN VARIOUS SPECIES. IN: REGULATION OF OVARIAN AND TESTICULAR FUNCTION. ADV. EXP. MED. BIOL. VOL. 219:327-360. B. MEHESH, D.S. DHINDSA, E. ANDERSON AND S.P. KALRA, EDS. PLENUM PRESS. NEW YORK. LONDON.

WAHBI A.A., S.E. ABDELGADIR AND O.F. IDRIS. 1981. APPLICATION OF THE METABOLIC PROFILE TEST ON BELGRAVIA DAIRY HERD IN THE SUDAN. WORLD REV. ANIM. PROD. 17:27-34.

WAHBI A.A., S.E. ABDELGADIR, O.F. IDRIS AND S.H. IDRIS. 1979. TOXIC EFFECTS OF MALATHION ADMINISTERED TO FOUR ADULT SHEEP. SUDAN J. VET. RES. 1:15-26.

[HTTP://WWW.NCBI.NLM.NIH.GOV/PUBMED?TERM=%22ABDELGADIR%20SE%%22%5BAUTHOR%5D](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Abdelgadir%20se%%22%5BAuthor%5D)

ABSTRACTS:

ABDELGADIR S.E., M.E. COSTA, S.R. OJEDA AND D.P. WOLF. 1996. DEVELOPMENTAL REGULATION OF C-MOS mRNA IN RHEBUS MONKEY OOCYTES AND PREIMPLANTATION EMBRYOS. THE 52ND ANNUAL MEETING OF THE AMERICAN SOCIETY OF REPRODUCTIVE MEDICINE. BOSTON, MASSACHUSETTS.

ABDELGADIR S.E., J.V.A. CHOATE AND J.A. RESKO. 1994. CLONING OF A RHEBUS ANDROGEN RECEPTOR GENE SEGMENT AND ITS MRNA DISTRIBUTION IN BRAIN AND PERIPHERAL TISSUES. BIOL. REPROD. 50(SUPPL. 1):117

ABDELGADIR S.E., J.V.A. CHOATE, C.E. ROSELLI AND J.A. RESKO. 1994. CLONING OF A RHEBUS MONKEY AROMATASE P450 GENE SEGMENT AND ITS MRNA DISTRIBUTION IN MONKEY BRAIN. THE 76TH ANNUAL MEETING OF THE ENDOCRINE SOCIETY, ANAHEIM, CALIFORNIA.

ZELINSKI-WOOTEN M.B., ABDELGADIR S.E., K.R. STOTT, D.M. DUFFY, J.A. RESKO AND R.L. STOFFER. 1994. EXPRESSION OF MESSENGER RNA (MRNA) FOR ANDROGEN RECEPTOR IN THE MACAQUE OVARY. THE XTH OVARIAN WORKSHOP: FRONTIERS IN OVARIAN DEVELOPMENT RESEARCH. UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN.

SILLIMAN T.L., ABDELGADIR S.E., R. APROBERST, L. XU AND V.L. BROOKS. 1994. RAT ADRENAL TYROSINE HYDROXYLASE MRNA IS INCREASED AFTER 48 HOURS WATER DEPRIVATION. THE 1994 ANNUAL MEETING OF THE SOCIETY FOR EXPERIMENTAL BIOLOGY.

ROSELLI C.E., ABDELGADIR S.E., E.D. LEPHART, E.R. SIMPSON, M.J. MCPHAUL AND J.A. RESKO. 1993. ANDROGENS REGULATE AROMATASE CYTOCHROME P450 MRNA IN RAT BRAIN. THE 1993 ANNUAL MEETING OF THE SOCIETY FOR NEUROSCIENCE, WASHINGTON D.C.

RESKO J.A., P.B. CONNOLLY, C.E. ROSELLI, ABDELGADIR S.E., AND J.V.A. CHOATE. 1993. DIFFERENTIAL EFFECTS OF AROMATASE INHIBITION ON LUTENIZING HORMONE SECRETION IN INTACT AND CASTRATED MALE CYNOMOLGUS MACAQUES. BIOL. REPROD. 49(SUPPL. 1):67.

ABDELGADIR S.E., AND J.A. RESKO. 1993. ANDROGEN REGULATION OF MRNA FOR ITS RECEPTOR DIFFERS BETWEEN PROSTATE AND SELECTED BRAIN AREAS IN THE RAT. THE 75TH ANNUAL MEETING OF THE ENDOCRINE SOCIETY, LAS VEGAS, NEVADA.

ABDELGADIR S.E., J.A. RESKO, P.B. CONNOLLY, C.E. ROSELLI AND J.V.A. CHOATE. 1992. SELECTIVE ACTIVATION OF ANDROGEN RECEPTORS IN THE SUBCORTICAL BRAIN OF MALE CYNOMOLGUS MACAQUES AND ITS RELATIONSHIP TO ANDROGEN-DEPENDENT AROMATASE ACTIVITY. THE 74TH ANNUAL MEETING OF THE ENDOCRINE SOCIETY, SAN ANTONIO, TEXAS.

ABDELGADIR S.E., P.B. CONNOLLY AND J.A. RESKO. 1991. ANDROGEN RECEPTOR MRNA IS REGULATED DIFFERENTLY BY STEROIDS IN RAT PROSTATE AND BRAIN. THE 73RD ANNUAL MEETING OF THE ENDOCRINE SOCIETY, WASHINGTON, D.C.

ABDELGADIR S.E., P.B. CONNOLLY AND J.A. RESKO. 1990. ANDROGEN METABOLISM BY LIVER CYTOSOLS FROM FETAL RHESUS MACAQUES. THE 72ND ANNUAL MEETING OF THE ENDOCRINE SOCIETY, ATLANTA, GEORGIA.

ABDELGADIR S.E., P.B. CONNOLLY AND J.A. RESKO. 1989. ANDROGEN RECEPTORS IN PERIPHERAL TISSUES OF FETAL RHESUS MONKEYS. THE 71ST ANNUAL MEETING OF THE ENDOCRINE SOCIETY, SEATTLE, WASHINGTON.

COSOLA C.A., ABDELGADIR S.E., L.H. APPELL AND F. STORMSHAK. 1987. PHORBOL ESTER-INDUCED RELEASE OF OXYTOCIN FROM THE BOVINE CORPUS LUTEUM *IN VITRO*. BIOL. REPROD. 36(SUPPL. 1):162.

ABDELGADIR S.E., L.V. SWANSON, J.E. OLDFIELD AND F. STORMSHAK. 1986. *IN VITRO* RELEASE OF OXYTOCIN FROM BOVINE CORPORA LUTEA BY PROSTAGLANDIN F_{2α}. BIOL. REPROD. 34(SUPPL. 1):135.

REFERENCES:

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3. STEVEN H. WOODWORTH, MD
CLINICAL DIRECTOR
DEPARTMENT OF REPRODUCTIVE ENDOCRINOLOGY
MEDCENTER ONE
414 NORTH SEVENTH STREET
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