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Scientific Director

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CURRICULAM VITAE

Present Appointment

Scientific Director & Chief Embryologist
Bangalore Assisted Conception
Centre Pvt Ltd, #6/7, High Grounds
Bangalore-560001, India

Permanent Address

#555, Sadhane, 26th Main,
Behind BHEL colony, Nandinilayout,
Bangalore-560096, Karnataka,
India.

Date of Birth

22th, Sep 1966

EDUCATIONAL QUALIFICATION	
Ph. D	in reproductive biology, Kuvempu University 2006 Karnataka. Thesis titled: "Effect Of environmental factors on Human reproductive health with special reference to various semen parameters".
M.S.S.C	M.S In Sexuality and Sexual Counselling, Kuvempu University 2010
M.Sc	in Zoology with cytogenetics as a specialization, 1990 Mysore University, Mysore, Karnataka
B.Sc	in Science (Zoology, Botany, Sericulture) Mysore University, 1988, Bhadravathi.

PROFESSIONAL EXPERIENCE:

Scientific Director & Chief Embryologist

Bangalore Assisted Conception
Centre Pvt, Ltd. Bangalore, India

March 2006-present

Chief Embryologist, IVF, Andrology, Biochemistry
Cytogenetics laboratory in charge and IVF training
Program co-ordinator, Bangalore Assisted Conception
Centre Pvt, Ltd. Bangalore, India

Sep 2001-Feb 2006

Consultant Embryologist

Vindhana Reproductive Health care Centre
Colombo, Srilanka.

April 2001- Aug 2001

Senior Embryologist

Al-Hammadi Hospital
Riyadh, Kingdom of Saudi Arabia

Mar 2000-Mar 2001

Embryologist

Centre for Infertility Management &
Assisted Reproductive Technology,
Edappal Hospital Pvt Ltd
Kerala, India

July 1999-Feb 2000

Embryologist

Sridevi Infertility Centre
Hyderabad, India

Aug 1998-June 1999

Embryologist

Hope Infertility Clinic
Bangalore, India.

May 1996-Aug 1998

Project Assistant

Centre for Reproductive Biology
& Molecular Endocrinology,
Indian Institute of Science, Bangalore,
India.

May 1994-April 1996

Embryologist

Hope Infertility Centre
Bangalore, India

May 1993-April 1994

Research Scholar

Department of Zoology,
Mysore University, Mysore
India

May 1992-April 1993

Lecturer

M.V College of Science
Bhadravathi, Karnataka,
India

June 1990-April 1992

PROFICIENCY IN LABORATORY TECHNIQUES

- Mouse and hamsters preimplantation embryo study which includes Super ovulation using PMSG, Oocyte collection, Invitro fertilization and embryo transfer. Uterine horn flushing to obtain preimplantation embryos for further studies. Vasectomising male hamsters. Mouse and Hamster sperm motility assay.
- Zona free hamster penetration assay
- Human Oocyte In-Vitro fertilization and Embryo Transfer (IVF-ET) Includes
 - Identification of oocytes and grading
 - Insemination of gametes
 - Scoring fertilization
 - Extended culture of embryos using sequential medium
 - Embryo grading at cleavage and blastocyst stage
 - Embryo loading and Transfer
- Human Semen sample preparation using various methods for ART procedures
- Preparation of sperm retrieved by surgical methods like PESA, MESA, TESA.
- Human Oocyte Intracytoplasmic sperm Injection (ICSI)

- Human sperm cryopreservation
- Human oocyte and embryo cryopreservation by slow freezing method
- Human oocyte and embryo cryopreservation by Vitrification method
- Human Embryo biopsy
- Laser assisted hatching
- Partial Zona dissection
- In-vitro maturation of human oocytes (IVM)

WORKSHOP/TRAINING COURSE CONDUCTED

- Training course on animal models in biomedical research held at centre for reproductive biology and molecular endocrinology, India Institute of Science Bangalore, India, 1996.
- Workshop on isolation characterization of gonadal cells held at centre for reproductive biology and molecular endocrinology, India Institute of Science Bangalore, India, 1996.
- Hands on training on assisted reproductive technologies held at Hope Infertility Clinic, Bangalore, 1996
- Intra Uterine Insemination Training program (IUI) for clinicians 2001- till date
- In-vitro fertilization and Embryo transfer for clinicians' 2001-till date
- Embryology training program for reproductive biologist 2004-till date

WORKSHOP ATTENDED:

- Attended Workshop as a one of the ART expert to discuss about the formulation of the National Guideline for a Accreditation, Supervision & Regulation of ART Clinic in India Sponsored by the National Academy of Medical Science held on 16th September 2001 at Bangalore.
- Pre Implantation Genetic Diagnosis Organized by India Society for Assisted Reproduction 2003.
- First Indo- Danish Workshop on Clinical In vitro Maturation of Human Oocytes 1st March 2005, Mumbai, India

SYMPOSIA/CONFERENCE ATTENDED

- 65th Annual meeting of the society of biological chemists India. Held at Department of Biochemistry, India Institute of Science Bangalore.

- Discussion and meeting on animal models for biological medicine and transgenic Technology held at centre for reproductive biology and molecular endocrinology, India Institute of Science Bangalore 1997.
- Symposium on recent trends in reproduction held at centre for reproductive biology and molecular endocrinology, India Institute of Science Bangalore, 1995.
- Symposium on recent trends in reproduction held at centre for reproductive biology and molecular endocrinology, India Institute of Science Bangalore, 1995.
- International symposium on cell signaling and ova implantation held at The All India Institute of Medical Science, New Delhi (1994).
- 8th international congress on assisted reproductive technology and advances in infertility management 15th-17th Feb 2002 at Ooty Tamil Nadu, India.
- Update in assisted reproductive technology, 9th June 2002 at Bangalore, India
- 9th international congress on assisted reproductive technology and advances in infertility management 14th-16th Feb 2003 Indor, Madhya Pradesh, India.
- 46th All India Congress of Obstetrics & Gynecology 6th-9th Jan 2003, Bangalore
- International Congress on Infertility 14th-16th, 2003 Mumbai
- 10th international congress on assisted reproductive technology and advances in infertility management 24th-27th 2004 Feb, India.
- Attended certificate course for internal audit ISO 9001: 2000 conducted by Bullseye consulting Group 2004
- 11th international congress on assisted reproductive technology and advances in infertility management 24th-25th 2005 Feb Bangalore, India.

ABSTRACTS

- Bilateral renal agenesis after IVF-ET a case report
- Management of Empty follicle syndrome In ART
- Polynucleated blastomeres and its role in embryogenesis
- Effect of lead on various semen parameters and IVF procedure

PUBLICATIONS

1. With Ain, R.S and others (1995) Pentoxifylline improves sperm Capacitating and In-Vitro fertilization of oocyte in golden hamster, Theriogenology (USA).
2. Aswath Narayan N.V, **M.S Srinivas** Elimia Securigera karyotypically dynamic speceies Cytologia (Japan) 58: 423-425. 1993.
3. Maneesha S. Inamdar, Parvathy Venu, **Srinivas M.S**, Kamini A Rao and K VijayRaghavan (volume 18, Number 3, 2009).Derivation and Characterization of two sibling human embryonic stem cell lines from discarded Grade III embryos. Journal stem cell and development (USA).
4. Olfactory block to pregnancy in human (communicated to nature)

CONTRIBUTION TO BOOK:

1. Future of stem cell Research a chapter for the book entitled Beyond the Boundaries of Endoscopic Surgery, Infertility-IVF, and Practical Sonography, color Doppler, Vaginal Hysterectomy, urogynecology, edited by Dr. Prakash trivedi, 2003.
2. Ultrastructure of human spermatozoa and its role in fertilization
3. In-Vitro maturation and Assisted Hatching is it the way head a chapter for the book titled update on Infertility Edited by Dr Sadhana desai Dr. Mandakin pharihar, Dr. Gautham alahabadhiya 2003.
4. In-vitro fertilization and Embryo transfer (IVF-ET) a chapter for the book titled laboratory manual in assisted reproductive technology by Dr. Kamini A Rao and Dr. M.S Srinivas, 2006.
5. Cryo preservation of spermatozoa a chapter for the book titled laboratory manual in assisted reproductive technology by Dr. Kamini A Rao and Dr. M.S Srinivas, 2006.
6. Morphological assessment of Oocyte and Embryo a chapter for the book titled laboratory manual in assisted reproductive technology by Dr. Kamini A Rao and Dr. M.S Srinivas, 2006.
7. Oocyte In Vitro maturation in ART a chapter for the book titled laboratory manual in assisted reproductive technology by Dr. Kamini A Rao and Dr. M.S Srinivas, 2006.
8. Assisted hatching In ART a chapter for the book titled laboratory manual in assisted reproductive technology by Dr. Kamini A Rao and Dr. M.S Srinivas, 2006.
9. Quality control in IVF laboratory a chapter for the book titled laboratory manual in assisted reproductive technology by Dr. Kamini A Rao and Dr. M.S Srinivas, 2006.
10. Stem cell and therapeutic advantages A Chapter for the book titled Practical obstetrics and

BOOKS EDITED

1. Laboratory manual in assisted reproductive technology Editor Dr. Kamini A Rao and Co-editor Dr. M S SRINIVAS 2006
2. Laboratory manual in Andrology Edited by Dr. Kamini A Rao, Dr. Ashok agarwal, Dr. M S Srinivas

TEACHING EXPERIENCE

- Faculty for Fellow ship program in reproductive medicine conducted by the National board of examination.
- Faculty for Fellow ship program in reproductive medicine conducted by the Rajeev Gandhi University of health Sciences.
- Faculty for Intra Uterine Insemination and Invitro fertilization and embryo transfer (IVF-ET) training program conducted at Bangalore assisted conception centre.

INVITED SPEAKER

- Preparation of human semen sample for various ART procedures at 46th All India Congress of Obstetrics & Gynecology 6th-9th Jan 2003, Bangalore
- Semen analysis and report interpretation at Hubli CME program for post graduate students 2004.
- Invitromaturation of oocytes in ART Symposium conducted by Bangalore Society for obstetrics and gynecology 2005.
- Laser assisted hatching in ART at 12th international congress on assisted reproductive technology and advances in infertility management 8th-11th 2007 Chandigarh, India.
- Ultra structure of human spermatozoa and its role in fertilization at 14th international congress on assisted reproductive technology and advances in infertility management 2008 Bhubhaneshwar, India.

SOCIETY MEMBERSHIPS

- Academy of Clinical Embryologist (**ACE-india**)
- American Society for Reproductive medicine(**ASRM**)
- European society for human reproduction and embryology (**ESHRE**)
- India Society for Assisted Reproductive Technology and Research (**ISAR**)
- Indian Society for the Study of Reproduction and Fertility (**ISSRF**)