

CURRICULUM VITAE

Dr. Nikas

PERSONAL DETAILS

Surname: NIKAS
Forename: Yorgos / George
Date of birth: 10th August 1958
Place of birth: Athens
Nationality: Greek
Marital status: Single
Address: Skra 36, Voula
16673. GREECE
Tel/Fax: +30 210 8957 677

EDUCATION

30.07.82 Medical Degree: First class honors.
15.07.91 Final examinations of training. Qualified Obstetrician
and Gynecologist.

LANGUAGES

Greek, English, French, German, Spanish

CLINICAL ATTACHMENTS

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| 01.02.89 - 30.04.91 | S.H.O. in Obstetrics and Gynecology in Alexandra University Hospital, Athens, Greece. |
| 01.07.88 - 31.01.89 | Registrar in General Medicine in Ierapetra General Hospital, Crete, Greece. |
| 25.07.86 - 26.04.88 | S.H.O. in Gynecology in Evangelismos General Hospital, Athens, Greece. |
| 11.04.85 - 14.04.86 | S.H.O. in Surgery in University Hospital of Patra, Greece. |
| 05.02.84 - 25.03.85 | General Practitioner Trainee in the Greek Military Service, Greece. |
| 10.05.83 - 15.01.83 | General Practitioner Trainee in Eleusis General Hospital, Athens, Greece. |
| 01.02.83 - 31.03.83 | S.H.O. in Surgery in Hertz-Jesu-Krankenhaus, Trier, F R Germany. |

RESEARCH POSITIONS

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| 01.04.04 - presently | Scientific Director of 'Athens Innovative Microscopy' Skra 36, Voula 16673, Greece. |
| 15.05.99 - 31.12.00 | Senior Research Fellow in Karolinska Institute, Dept of Obs & Gyn, Huddinge Hospital, Stockholm, Sweden. |
| 25.09.93 - 30.04.99 | Senior Research Fellow in Human Embryology Laboratory, RPMS, Hammersmith Hospital, London UK. |
| 15.09.91 - 20.09.93 | Research Fellow in Laboratoire de Physiologie de la Reproduction, Le Kremlin Bicêtre, Paris, France. |

OTHER ACADEMIC ACTIVITIES

Member of the societies: New York Academy of Sciences
 Society for the Study of Reproduction
 European Society of Human Reproduction and Embryology
 Mediterranean Society of Reproductive Medicine (founding member)

Referee of manuscripts for: ‘RBMonline’
 ‘Biomed Central’
 ‘Human Reproduction’
 ‘Reproductive Sciences’
 ‘Human Reproduction Update’
 ‘Molecular Human Reproduction’
 ‘Journal of Reproduction and Fertility’

Invited speaker in a large number of international congresses

Awards: 1. The Wellcome Trust Biomedical Image Award 1999.
 2. Best Poster Award, Serono Symposium “Robert G. Edwards at 75”, Italy, October 2-3, 2000.
 3. The Wellcome Trust Biomedical Image Award 2000.

Others: My work appeared in the front cover of several scientific journals and I have provided scientific images for a large number of educational journals and books, world-wide (www.aim.cat).
Founder and owner of “Eikonika” scientific photography (www.eikonika.net).

LIST OF PUBLICATIONS

1. A Recurrent Deletion of DPY19L2 Causes Infertility in Man by Blocking Sperm Head Elongation and Acrosome Formation.

Harbuz R, Zouari R, Pierre V, Ben Khelifa M, Kharouf M, Coutton C, Merdassi G, Abada F, Escoffier J, Nikas Y, Vialard F, Koscinski I, Triki C, Sermondade N, Schweitzer T, Zhioua A, Zhioua F, Latrous H, Halouani L, Ouafi M, Makni M, Jouk PS, Sèle B, Hennebicq S, Satre V, Viville S, Arnoult C, Lunardi J, Ray PF.

Am J Hum Genet. 2011 Mar 11;88(3):351-61.

2. The Aurora Kinase C c.144delC mutation causes meiosis I arrest in men and is frequent in the North African population.

Dieterich K, Zouari R, Harbuz R, Vialard F, Martinez D, Bellayou H, Prisant N, Zoghmar A, Guichaoua MR, Koscinski I, Kharouf M, Noruzinia M, Nadifi S, Sefiani A, Lornage J, Zahi M, Viville S, Sèle B, Jouk PS, Jacob MC, Escalier D, Nikas Y, Hennebicq S, Lunardi J, Ray PF.

Hum Mol Genet. 2009 Apr 1;18(7):1301-9.

3. Function of aurora kinase C (AURKC) in human reproduction.

Harbuz R, Zouari R, Dieterich K, Nikas Y, Lunardi J, Hennebicq S, Ray PF.

Gynecol Obstet Fertil. 2009 Jun;37(6):546-51.

4. Solid lipid nanoparticles and nanoemulsions containing ceramides: preparation and physicochemical characterization.

Deli G, Hatziantoniou S, Nikas Y, Demetzos C.

J Liposome Res. 2009;19(3):180-8.

5. The expression of receptivity markers in the fallopian tube epithelium.

Makrigiannakis A, Karamouti M, Petsas G, Makris N, Nikas G, Antsaklis A.

Histochem Cell Biol. 2009 Aug;132(2):159-67.

6. Scanning electron microscopy study on nanoemulsions and solid lipid nanoparticles containing high amounts of ceramides.

Hatziantoniou S, Deli G, Nikas Y, Demetzos C, Papaioannou GT.

Micron. 2007;38(8):819-23.

7. Hormonal and cytokine regulation of early implantation.

Makrigiannakis A, Minas V, Kalantaridou SN, Nikas G, Chrousos GP.

Trends Endocrinol Metab. 2006 Jul;17(5):178-85. Epub 2006 May 15.

8. Gene expression profiles and structural/functional features of the peri-implantation endometrium in natural and gonadotropin-stimulated cycles.

Mirkin S, Nikas G, Hsiu JG, Díaz J, Oehninger S.

J Clin Endocrinol Metab. 2004 Nov;89(11):5742-52.

9. Clinical value of endometrial pinopodes detection in artificial donation cycles.
Pantos K, Nikas G, Makrakis E, Stavrou D, Karantzis P, Grammatidis M.
Reprod Biomed Online. 2004 Jul;9(1):86-90..
10. Pathogenesis of endometriosis: natural immunity dysfunction or autoimmune disease?
Matarese G, De Placido G, Nikas Y, Alviggi C.
Trends Mol Med. 2003 May;9(5):223-8.
11. Endometrial pinopodes and uterine receptivity.
Nikas G, Makrigiannakis A.
Ann N Y Acad Sci. 2003 Nov;997:120-3.
12. Synchronous expression of pinopodes and alpha v beta 3 and alpha 4 beta 1 integrins in the endometrial surface epithelium of normally menstruating women during the implantation window.
Nardo LG, Nikas G, Makrigiannakis A, Sinatra F, Nardo F.
J Reprod Med. 2003 May;48(5):355-61.
13. Coexpression of pinopodes and leukemia inhibitory factor, as well as its receptor, in human endometrium.
Aghajanova L, Stavreus-Evers A, Nikas Y, Hovatta O, Landgren BM.
Fertil Steril. 2003 Mar;79 Suppl 1:808-14.
14. Molecules in blastocyst implantation. Role of matrix metalloproteinases, cytokines and growth factors.
Nardo LG, Nikas G, Makrigiannakis A.
J Reprod Med. 2003 Mar;48(3):137-47.
15. Endometrial pinopodes: some more understanding on human implantation?
Nikas G, Aghajanova L.
Reprod Biomed Online. 2002;4 Suppl 3:18-23.
16. Endothelial dysfunction in uterine circulation in preeclampsia: can estrogens improve it?
Svedas E, Nisell H, Vanwijk MJ, Nikas Y, Kublickiene KR.
Am J Obstet Gynecol. 2002 Dec;187(6):1608-16.
17. Formation of pinopodes in human endometrium is associated with the concentrations of progesterone and progesterone receptors.
Stavreus-Evers A, Nikas G, Sahlin L, Eriksson H, Landgren BM.
Fertil Steril. 2001 Oct;76(4):782-91.
18. Endometrial receptivity in terms of pinopode expression is not impaired in women with endometriosis in artificially prepared cycles.
Garcia-Velasco JA, Nikas G, Remohí J, Pellicer A, Simón C.
Fertil Steril. 2001 Jun;75(6):1231-3.

19. Endometrial receptivity: changes in cell-surface morphology.
Nikas G.
Semin Reprod Med. 2000;18(3):229-35.
20. Detection of endometrial pinopodes by light microscopy.
Develioglu OH, Nikas G, Hsiu JG, Toner JP, Jones HW Jr.
Fertil Steril. 2000 Oct;74(4):767-70.
21. Surface morphology of the human endometrium. Basic and clinical aspects.
Nikas G, Makrigiannakis A, Hovatta O, Jones HW Jr.
Ann N Y Acad Sci. 2000;900:316-24.
22. Pinopodes as markers of endometrial receptivity in clinical practice.
Nikas G.
Hum Reprod. 1999 Dec;14 Suppl 2:99-106.
23. Cell-surface morphological events relevant to human implantation.
Nikas G.
Hum Reprod. 1999 Dec;14 Suppl 2:37-44.
24. Coculture of human embryos with autologous human endometrial epithelial cells in patients with implantation failure.
Simón C, Mercader A, Garcia-Velasco J, Nikas G, Moreno C, Remohí J, Pellicer A.
J Clin Endocrinol Metab. 1999 Aug;84(8):2638-46.
25. Endometrial estrogen and progesterone receptor and pinopode expression in stimulated cycles of oocyte donors.
Develioglu OH, Hsiu JG, Nikas G, Toner JP, Oehninger S, Jones HW Jr.
Fertil Steril. 1999 Jun;71(6):1040-7.
26. Endometrial pinopodes indicate a shift in the window of receptivity in IVF cycles.
Nikas G, Develioglu OH, Toner JP, Jones HW Jr.
Hum Reprod. 1999 Mar;14(3):787-92.
27. Interaction between PC12 liposomes encapsulating ATP and human spermatozoa.
Skiba-Lahiani M, Skiba M, Nikas G, Auger J, Fattal E, Delattre J, Courtot AM.
Int J Pharm. 1998 Oct;172(1-2):147-159
28. Uterine pinopodes in peri-implantation human endometrium. Clinical relevance.
Nikas G, Psychoyos A.
Ann N Y Acad Sci. 1997 Jun 17;816:129-42.

29. Compaction and surface polarity in the human embryo in vitro.
Nikas G, Ao A, Winston RM, Handyside AH.
Biol Reprod. 1996 Jul;55(1):32-7.
30. Uterine pinopodes as markers of the 'nidation window' in cycling women receiving exogenous oestradiol and progesterone.
Nikas G, Drakakis P, Loutradis D, Mara-Skoufari C, Koumantakis E, Michalas S, Psychoyos A.
Hum Reprod. 1995 May;10(5):1208-13.
31. Corticotropin-releasing hormone (CRH) is expressed at the implantation sites of early pregnant rat uterus.
Makrigiannakis A, Margioris AN, Le Goascogne C, Zoumakis E, Nikas G, Stournaras C, Psychoyos A, Gravanis A.
Life Sci. 1995;57(20):1869-75.
32. The role of prostaglandins in blastocyst implantation.
Psychoyos A, Nikas G, Gravanis A.
Hum Reprod. 1995 Dec;10 Suppl 2:30-42.
33. Hormonal anti-implantation agents: antiprogestins.
Psychoyos A, Nikas G, Sarantis L, Gravanis A.
Hum Reprod. 1995 Dec;10 Suppl 2:140-50.
34. The zona reaction in human oocytes as seen with scanning electron microscopy.
Nikas G, Paraschos T, Psychoyos A, Handyside AH.
Hum Reprod. 1994 Nov;9(11):2135-8.
35. Effects of cholic acid and 'Protectaid' formulations on human sperm motility and ultrastructure.
Courtot AM, Nikas G, Gravanis A, Psychoyos A.
Hum Reprod. 1994 Nov;9(11):1999-2005.
36. Uterine pinopodes as markers of uterine receptivity.
Psychoyos A, Nikas G.
Assist Reprod Rev. 1994;4(1):26-32