



# Curriculum Vitae

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## Personal Information

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Name	Konstantinos A. Toulis
Date of Birth	14 <sup>th</sup> August 1979
Current Position	Research Associate, Department of Public Health, Epidemiology and Biostatistics, College of Medical and Dental Sciences, University of Birmingham, UK
Address	7 Pritchatts Rd, Edgbaston, Birmingham, UK, B15 2QU
Tel	+44 07788995192 / +302321035738
E-mail	<a href="mailto:toulis@endo.gr">toulis@endo.gr</a> , <a href="mailto:touliskos@gmail.com">touliskos@gmail.com</a>

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## Education

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2009 to date	D(med)Sc candidate in Reproductive Endocrinology, Medical School, Aristotle University of Thessaloniki (AUTH), Greece
2007 - 2011	MSc in " <i>Management of Health Units</i> ", Hellenic Open University, Greece
2005 - 2007	MSc degree in " <i>Medical Research Methodology</i> ", Medical School, AUTH, Greece
1997 - 2003	MD degree, Medical School, Aristotle University of Thessaloniki, Greece
1997 - 2003	Corps Officer Military Academy, Thessaloniki, Greece

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## Career

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2012	Research Associate, Department of Public Health, Epidemiology and Biostatistics, University of Birmingham, UK
2012	Honorary Clinical Attachment, Centre for Endocrinology, Diabetes and Metabolism, University Hospital Birmingham Queen Elizabeth, Birmingham, UK
2009 to date	Fellowship in Endocrinology & Metabolism, AHEPA University General Hospital of Thessaloniki, Greece

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2006 - 2008	Residency in Internal Medicine, 424 General Military Hospital, Thessaloniki, Greece
2004 - 2006	Head of the Medical Station, 523th Infantry Battalion, Greece
2004	Madigan Army Medical Center, Tacoma, WA, USA
2003 - 2004	MD at 401 General Military Hospital, Athens, Greece
2003	Hospital Universitario Clementino Fraga Filho, Rio De Janeiro, Brazil

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**Publications** (*Pubmed*)

***Bone Metabolism***

1. **Semin Arthritis Rheum.** 2011. [Epub ahead of print] PMID: 21616520. *Clinical Efficacy and Safety of Denosumab in Postmenopausal Women with Low Bone Mineral Density and Osteoporosis: A Meta-Analysis.* von Keyserlingk C, Hopkins R, Anastasilakis A, **Toulis K**, Goeree R, Tarride JE, Xie F.
  2. **Med Hypotheses**, 2011 Jul;77(1):109-11. *Denosumaband bisphosphonates: Rivals or potential "partners"? A "hybrid" molecule hypothesis.* Anastasilakis AD, Polyzos SA, Anastasilakis CD, **Toulis KA**, Makras P.
  3. **Clin Endocrinol (Oxf)**, 2010 Jun;72(6):752-7 *The effect of teriparatide on serum Dickkopf-1 levels in postmenopausal women with established osteoporosis.* Anastasilakis AD, Polyzos SA, Avramidis A., **Toulis KA**, Papatheodorou A., Terpos E.
  4. **Lancet Oncology**, 2010 Jun;11(6):513-4 *Safety and efficacy of denosumab in patients with giant cell tumour of bone.* Kyrgidis A, **Toulis K**
  5. **Osteoporos Int**, 2011 Jan;22(1):369-70 *Denosumab related osteonecrosis of the jaws.* Kyrgidis A, **Toulis KA**
  6. **Osteoporos Int**, 2010 Nov;21(11):1963-4. *Increased risk of serious infections in women with osteopenia or osteoporosis treated with denosumab.* **Toulis KA**, Anastasilakis AD
  7. **Journal of osteoporosis**, 2011 16;2011:147689. *The facial skeleton in patients with osteoporosis: a field for disease signs and treatment complications.* Kyrgidis A, Tzellos TG, **Toulis K**, Antoniadis K.
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8. **Expert Opin Investig Drugs**, 2009 Aug;18(8): 1085-102. *RANKL inhibition for the management of patients with benign metabolic bone disorders.*  
Anastasilakis AD, **Toulis KA**, Polyzos SA, Terpos E
9. **Horm Metab Res**, 2009 Oct;41(10): 721-9. *Efficacy and safety of denosumab in postmenopausal women with osteopenia or osteoporosis: a systematic review and a meta-analysis.*  
Anastasilakis AD, **Toulis KA**, Goulis DG, Polyzos SA, Delaroudis S, Giomisi A, Terpos E.
10. **CMAJ**, 2009 Apr 14;180(8): 841-2; author reply 842-3 *Thiazolidinedione use and the risk of fractures.*  
**Toulis KA**, Goulis DG, Anastasilakis AD
11. **Hormones**, 2011, Jul-Sep; 10(3):174-95 *Targeting the osteoblast: approved and experimental anabolic agents for the treatment of osteoporosis.*  
**Toulis KA**, Anastasilakis AD, Polyzos SA, Makras P

### Reproductive Endocrinology

12. **Hum Reprod Update**, 2011 [Epub ahead of print] PMID: 21628302. *Meta-analysis of cardiovascular disease risk markers in women with polycystic ovary syndrome.*  
**Toulis KA**, Goulis DG, Mintziori G, Kintiraki E, Eukarpidis E, Mouratoglou SA, Pavlaki A, Stergianos S, Poulasouchidou M, Tzellos TG, Makedos A, Chourdakis M, Tarlatzis BC.
13. **Obes Facts**. 2011; 4(2):145-50. *The phenotypes of polycystic ovary syndrome defined by the 1990 diagnostic criteria are associated with higher serum vaspin levels than the phenotypes introduced by the 2003 criteria.*  
Koiou E, Dinas K, Tziomalos K, **Toulis K**, Kandaraki EA, Kalaitzakis E, Katsikis, I, Panidis D.
14. **Clin Endocrinol (Oxf)**. 2011 Sep;75(3): 367-71. *Apelin levels in normal pregnancy.*  
Kourtis A, Giomisi A, Mouzaki M, Makedou K, Anastasilakis A, **Toulis K**, Gerou S, Gavana E, Agorastos T
15. **Gynecol Endocrinol**. 2011 [Epub ahead of print] PMID: 21504339. *Oxidized low-density lipoprotein and adiponectin levels in pregnancy.*  
Makedou K, Kourtis A, Gkiomisi A, **Toulis KA**, Mouzaki M, Anastasilakis AD, Gerou S, Gavana E, Agorastos T.
16. **Clin Ther**, 2009 Feb;31(2): 221-35 *Gabapentin for the treatment of hot flashes in women with natural or tamoxifen-induced menopause: a systematic review and meta-analysis.*  
**Toulis KA**, Tzellos T, Kouvelas D, Goulis DG.
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17. **Hum Reprod Update**, 2009  
May-Jun; 15(3): 297-307  
*Adiponectin levels in women with polycystic ovary syndrome: a systematic review and a meta-analysis.*  
**Toulis KA**, Goulis DG, Farmakiotis D, Georgopoulos NA, Katsikis I, Tarlatzis BC, Papadimas I, Panidis D.
18. **Fertil Sterility**, 2009  
Aug;92(2):667-77  
*Risk of gestational diabetes mellitus in women with polycystic ovary syndrome: a systematic review and a meta-analysis.*  
**Toulis KA**, Goulis DG, Kolibianakis EM, Venetis CA, Tarlatzis BC, Papadimas I.
19. **Fertil Sterility**, 2011  
Jan;95(1):188-96,  
*Intravenous albumin administration for the prevention of severe ovarian hyperstimulation syndrome:a systematic review and metaanalysis.*  
Venetis CA, Kolibianakis EM, **Toulis KA**, Goulis DG, Papadimas I, Tarlatzis BC
20. **Eur J Endocrinol.** 2011  
Apr;164(4):579-83  
*Serum vaspin levels in normal pregnancy in comparison with non-pregnant women.*  
Giomisi A, Kourtis A, **Toulis KA**, Anastasilakis AD, Makedou KG, Mouzaki M, Gerou S, Gavana E, Agorastos T, Giannoulis C.
21. **Eur J Endocrinology**, 2010  
Apr;162(4):643-52  
*Risk of spontaneous miscarriage in euthyroid women with thyroid autoimmunity undergoing in-vitro fertilization: a meta-analysis.*  
**Toulis KA**, Goulis DG, Venetis CA, Kolibianakis EM, Negro R, Tarlatzis BC, Papadimas I.
22. **Med Hypotheses**, 2009  
Dec;73(6):1060-2  
*Thyroid autoimmunity and miscarriages: The corpus luteum hypothesis.*  
**Toulis KA**, Goulis DG, Venetis CA, Kolibianakis EM, Tarlatzis BC, Papadimas I.
23. **Journal of Women's Health**, 2011  
Jun;20(6):971-6  
*The incretin effect and secretion in obese and lean women with polycystic ovary syndrome: a pilot study.*  
Pontikis C, Yavropoulou MP, **Toulis KA**, Kotsa K, Kazakos K, Papazisi A, Gotzamani-Psarakou A, Yovos JG
24. **Hum Reprod Update**, 2010  
16(6):713-24  
*Inhibin B and Anti-Müllerian Hormone as markers of persistent spermatogenesis in men with non-obstructive azoospermia: a meta-analysis of diagnostic accuracy studies.*  
**Toulis KA**, Iliadou PK, Venetis, CA, Tsametis C, Tarlatzis BC, Papadimas I, Goulis DG
25. **Fertil Sterility**, 2011  
Sep;96(3):780-5  
*Thyroid function during ovarian stimulation: a systematic review*  
Mintziori G, Goulis DG., **Toulis KA**, Venetis, CA Kolibianakis EM, Tarlatzis BC
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26. **Minerva Med.**, 2012  
Feb;103(1):47-62 *Thyroid diseases and female reproduction.*  
Mintzioti G, Anagnostis P, **Toulis KA**, Goulis DG
27. **Hum Reprod Update.** 2012  
Mar;18(2):127-45. *The use of androgens or androgen-modulating agents in poor responders undergoing in vitro fertilization: a systematic review and meta-analysis.*  
Bosdou JK, Venetis CA, Kolibianakis EM, **Toulis KA**, Goulis DG, Zepiridis L, Tarlatzis BC

#### **General Endocrinology/Metabolism/Other**

28. **Thyroid.** 2011  
May;21(5):564-5. *Authors' response to dr. Lutz schomburg.*  
**Toulis KA**, Anastasilakis AD, Tzellos TG, Goulis DG, Kouvelas D
29. **Appetite.** 2011 May  
27;57(2):377-383. *Evaluation of dietary habits and assessment of cardiovascular disease risk factors among Greek university students.*  
Chourdakis M, Tzellos T, Poyrzitaki C, **Toulis KA**, Papazisis G, Kouvelas D.
30. **Thyroid**, 2010,  
20(10):1163-73 *Selenium supplementation in the treatment of Hashimoto's thyroiditis: a systematic review and a meta-analysis.*  
**Toulis KA**, Anastasilakis AD, Tzellos TG, Goulis DG, Kouvelas D
31. **Metabolism**, 2010,  
60(3):313-26 *Serum total adiponectin in nonalcoholic fatty liver disease: a systematic review and meta-analysis.*  
Polyzos SA, **Toulis KA**, Goulis DG, Zavos C, Kountouras J.
32. **Appetite.** 2010  
Dec;55(3):722-5 *Eating habits, health attitudes and obesity indices among medical students in northern Greece.*  
Chourdakis M, Tzellos T, Papazisis G, **Toulis K**, Kouvelas D.
33. **Hippokratia**, 2010,  
14(2):71-5 *A2δ ligands gabapentin and pregabalin: future implications in daily clinical practice.*  
Tzellos TG, Papazisis G, **Toulis KA**, Sardeli C, Kouvelas D
34. **J Clin Pharm Ther**, 2010  
Dec 35(6):639-56 *Gabapentin and pregabalin in the treatment of fibromyalgia: a systematic review and a meta-analysis.*  
Tzellos TG, **Toulis KA**, Goulis DG, Papazisis G, Zampeli VA, Vakfari A, Kouvelas D
35. **JAMA.** 2011 Nov  
16;306(19):2095; author reply 2095-6. *Biologic therapies for chronic plaque psoriasis and cardiovascular events.*  
Tzellos T, Kyrgidis A, **Toulis K**.
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36. **Int J Clin Pract.**, 2012 Feb 22. doi: 10.1111/j.1742-1241.2011.02879.x. *Selenomethionine treatment in patients with autoimmune thyroiditis: a prospective, quasi-randomised trial.*  
Anastasilakis AD, **Toulis KA**, Nisianakis P, Goulis DG, Kampas L, Valeri RM, Oikonomou D, Tzellos TG, Delaroudis S.
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### Presentations (selected)

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- 6<sup>th</sup> European Congress of Andrology, Athens, Greece, September 2010  
Inhibin B and Anti-Mullerian Hormone as markers of persistent spermatogenesis in men with non-obstructive azoospermia: a meta-analysis of diagnostic accuracy studies  
**Toulis KA**, Iliadou PK, Venetis CA, Tsametis C, Papadimas I, Goulis DG, Tarlatzis BC
- 6<sup>th</sup> European Congress of Andrology, Athens, Greece, September 2010  
Dynamic endocrine test of Inhibin B and Anti-Mullerian Hormone in men with non-obstructive azoospermia  
C. TSAMETIS, G. MINTZIORI, P. K. ILIADOU, **K. A. TOULIS**, B. C. TARLATZIS, I. PAPANIMAS D. G. GOULIS
- 14<sup>th</sup> World Congress of Gynecological Endocrinology, Florence, Italy, March 2010  
Risk of spontaneous miscarriage in euthyroid women with thyroid autoimmunity undergoing in-vitro fertilization: a systematic review and a meta-analysis.  
**Toulis K**, Goulis D, Venetis C, Kolibianakis E, Negro R, Tarlatzis B, Papadimas I
- 14<sup>th</sup> World Congress of Gynecological Endocrinology, Florence, Italy, March 2010  
Addition of rLH in patients undergoing ovarian stimulation with rFSH and GnRH analogues for IVF: a meta-analysis  
Venetis CA, Kolibianakis EM, **Toulis KA**, Goulis DG, Papadimas I, Tarlatzis BC
- 1<sup>st</sup> International Congress on Nursing Education, Research & Practise, Thessaloniki, Greece, October 2009  
Levels of Evidence – Systematic review and Meta-analysis Techniques  
**Konstantinos Toulis** (invited speech)
- 11th European Congress of Endocrinology, Istanbul, Turkey, April 2009 (OC3.1).  
Gapapentin for the treatment of hot flushes in women with natural or tamoxifen-induced menopause: a systematic review and a meta-analysis.  
**Konstantinos Toulis**, Thrasivoulos Tzellos, Dimitrios Kouvelas, Dimitrios Goulis, Basil Tarlatzis & Ioannis Papadimas
- 6th Annual Meeting of Androgen Excess and PCOS Society, San Francisco, CA, USA, November 2009  
Adiponectin levels in women with PCOS: a systematic review and a meta-analysis.  
**Konstantinos Toulis**, Dimitrios Goulis, Dimitrios Farmakiotis, Neoklis Georgopoulos, Ioannis Katsikis, Basil Tarlatzis, Ioannis Papadimas, Dimitrios Panidis
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## Posters presentations

- 20<sup>th</sup> World Congress on Fertility and Sterility (IFFS 2010), Munich, Germany, September 2010 (W-109)  
Inhibin B and ant-Mullerian Hormone as markers of persistent spermatogenesis in men with non-obstructive azoospermia: a systematic review and a meta-analysis of diagnostic accuracy studies”  
**Toulis KA**, Iliadou PK, Venetis CA, Tsametis C, Papadimas I, Goulis DG, Tarlatzis BC
- 20<sup>th</sup> World Congress on Fertility and Sterility (IFFS 2010), Munich, Germany, September 2010 (W-110)  
“Risk of spontaneous miscarriage in euthyroid women with thyroid autoimmunity undergoing IVF: a meta-analysis”  
**Toulis KA**, Venetis CA, Kolibianakis EM, Negro R, Papadimas I, Goulis DG, Tarlatzis BC
- 26<sup>th</sup> Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Rome, Italy, June 2010  
“Lower pregnancy rates in GnRH antagonist cycles with elevated progesterone on the day of hCG administration: a systematic review and meta-analysis.”  
C.A. Venetis, E.M. Kolibianakis, **K. Toulis**, D. Goulis, K. Loutradi, K. Chatzimeletiou, I. Papadimas, I. Bontis, B.C. Tarlatzis
- 19<sup>th</sup> Annual Meeting & Clinical Congress of the American Association of Clinical Endocrinologists (AACE), Boston, USA, April 2010 (#909)  
‘The predictive value of serum and seminal Inhibin B and Anti-Mullerian Hormone as non-invasive markers of persistent spermatogenesis in men with non-obstructive azoospermia: a systematic review and meta-analysis of diagnostic accuracy studies’  
**KA Toulis**, PK Iliadou, C Tsametis, BC Tarlatzis, I Papadimas, DG Goulis
- 19<sup>th</sup> Annual Meeting & Clinical Congress of the American Association of Clinical Endocrinologists (AACE), Boston, USA, April 2010 (#1042)  
Selenium supplementation in the treatment of Hashimoto thyroiditis.  
**KA Toulis**, AD Anastasilakis, TG Tzellos, DG Goulis, D Kouvelas
- 36<sup>th</sup> European Symposium on Calcified Tissues (ECTS), Vienna, Austria, May 2009 (P107).  
Serum dickopf-1 levels in postmenopausal women with established osteoporosis before and after treatment with teriparatide.  
Athanasios Anastasilakis, Stergios Polyzos, Avraam Avramidis, **Konstantinos Toulis**, Athina Giomisi, Athanasios Papatheodorou, Evangellos Terpos
- 11<sup>th</sup> European Congress of Endocrinology (ESE), Istanbul, Turkey, April 2009 (P634).  
A systematic review and a meta-analysis on adiponectin levels in women with polycystic ovary syndrome.  
**Konstantinos Toulis**, Dimitrios Goulis, Dimitrios Farmakiotis, Ilias Katsikis, Neoklis Georgopoulos, Basil Tarlatzis, Ioannis Papadimas & Dimitrios Panidis
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5th International Symposium on Diabetes and Pregnancy – (DIP), Sorrento, Italy, March 2009	Risk of gestational Diabetes Mellitus in women with PCOS: a systematic review and a meta-analysis. <b>Konstantinos Toulis</b> , Dimitrios Goulis, Efstratios Kolibianakis, Christos Venetis, Basil Tarlatzis, Ioannis Papadimas
7th International Annual Congress on Women Health, Athens, Greece, September 2008	Adiponectin levels in women with PCOS: a systematic review and a meta-analysis <b>K.A. Toulis</b> , DG Goulis, D. Farmakiotis, D. Panidis
7th International Annual Congress on Women Health, Athens, Greece, September 2008	Risk of gestational Diabetes Mellitus in women with PCOS: a systematic review and a meta-analysis. <b>Konstantinos Toulis</b> , Dimitrios Goulis, Efstratios Kolibianakis , Christos Venetis, Basil Tarlatzis, Ioannis Papadimas
Annual European Congress of Rheumatology, 2008 (EULAR), Paris, France, September 2008	Peripheral Vasomotor Symptoms in patients with joint hypermobility. Vounotrypidis P, Pappas PE, <b>Toulis K</b> , Sakellariou GT, Berberidis C
Annual congress of the European society of Nuclear Medicine 2007 (EANM), Copenhagen, Denmark, April 2007	Red cell mass, plasma volume, blood volume and their deviations from expected normal values in patients with end stage chronic renal failure I. Iakovou, <b>C. Toulis</b> , A. Siochu, K. Skarlatou, P. Kellidou, S. Gartsioni, S. Georga

### Reviewer Activity

2008 to date	Human Reproduction
2009 to date	Human Reproduction Update
2009 to date	Clinical Endocrinology
2009 to date	Hormones Metabolic Research
2009 to date	Pharmacoepidemiology and Drug Safety
2009 to date	Journal of Perinatal Medicine
2009 to date	Archives of Gynecology and Obstetrics
2009 to date	Journal of Women Health
2010 to date	Reproductive Biology and Endocrinology
2011 to date	Molecular Human Reproduction



2011 to date	European Journal of Endocrinology
2011 to date	Metabolism
2011 to date	World Journal of Diabetes (Editorial Board)
2011 to date	World Journal of Ob&Gyn (Editorial Board)

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### **Instructor Activity**

2010 to date	“Clinical Trials”, Postgraduate Master Program, Medical School, Aristotle University, Thessaloniki, Greece
2009 to date	“Evidence-Based Medicine”, Graduate Course, 9 <sup>th</sup> Semester, Medical School, Aristotle University, Thessaloniki, Greece
2009	“Quality control in Evidence-Based Medicine” in the seminar for the reviewers of the Journal “Hippocratia”, Thessaloniki, Greece
2009	“Systematic Review and Meta-analysis” in the program “Basic concepts of Research methodology” for General Practitioners, Medical School, Aristotle University of Thessaloniki, Greece
2009	“Systematic Review and Meta-analysis” in the program “Research methodology” for Residents in Gynecology & Obstetrics, 1 <sup>st</sup> Department of Gynecology & Obstetrics, Medical School, Aristotle University of Thessaloniki, Greece

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### **Memberships**

2009 to date	The Endocrine Society
2009 to date	American Association of Clinical Endocrinologists (AACE)
2009 to date	Androgen Excess and PCOS Society (AE-PCOS)
2007 to date	Hellenic Endocrine Society

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### **Distinctions**

2011	Scholarship of Excellence for PhD candidates, AUTH
2011	European Society of Endocrinology (ESE) Scholarship Program
2010	Preceptorship award, Endocrine Fellows Foundation, Toronto, Canada

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2009 Postgraduate Award for Distinguished Research Activity –  
Medical School, Aristotle University of Thessaloniki

1997 Award in the National Student Competition in Chemistry

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### **Statistical Software**

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Stata  
SPSS  
Revman  
TreeAge

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### **Languages**

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English  
French  
Italian

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