

CURRICULUM VITAE

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Nationality: Greek
Date of Birth: 05-05-1955
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Present Posts:

- Professor of Pharmacology, Faculty of Medicine, Democritus University of Thrace (June 2008 - onward).

Qualifications:

- Degree of Medicine, Medical School of Athens, Greece (March 1980).
- Specialization in Gastroenterology, Greek State Board (May 1990).
- Doctorate of Philosophy (Ph.D.), School of Medicine, University of Athens, Greece (May 1992).
- Doctorate of Philosophy (Ph.D.), School of Pharmacology, University of Bath, UK. (February 1998).

Previous appointments Greece:

- Registrar in Internal Medicine, 401 Military Hospital, Athens Greece, (August 1981 - October 1982).
- General Practitioner, Health Center of Vourgareli, Arta, Greece (November 1982-October 1984).
- Registrar in Internal Medicine, Sismanogleion Hippokration General Hospital, Athens, Greece (February 1985- February 1996).
- Registrar in Gastroenterology, 2nd Dept of Internal Medicine, Hippokration General Hospital, University of Athens, Greece (April 1986 - March 1990).
- Senior Registrar in Gastroenterology, Hippokration General Hospital, Athens, Greece (May 1991 - December 1997).
- Assistant Professor of Gastroenterology, Faculty of Medicine, University of Crete (March 2001 – June 2008).
- Head of the Division of Clinical Pharmacology, Faculty of Medicine, University of Crete (September 2002 – June 2008).
- Member of the Scientific Board for Drug Approval, Greek National Organization for Medicines (September 2008 - November 2013).
- Head of the Laboratories of Pharmacology and Clinical Pharmacology, Faculty of Medicine, Democritus University of Thrace (September 2008 – June 2017).
- Vice-President of the Faculty of Medicine, Democritus University of Thrace (September 2013 – December 2017).
- Director of the Master's degree Program "Clinical Pharmacology and Therapeutics", Democritus University of Thrace (October 2009 - November 2018).

Previous appointments abroad:

- Registrar in Gastroenterology, Royal United Hospital, Bath UK (June 1990 - July 1991).
- Research Fellow (Grade II), Department of Pharmacy and Pharmacology, University of Bath, UK, (December 1995 – May 1996).
- Consultant Gastroenterologist, Royal United Hospital, Bath, UK (January 1998 – December 2000).
- Senior Clinical Research Fellow, Department of Pharmacy and Pharmacology, University of Bath, UK, (January 1998 – December 2000).
- Researcher, Novartis Pharmaceuticals Ltd United Kingdom, (June 1999 – November 2000).
- Visiting Professor of Pharmacology, Department of Pharmacology, University of Bath, UK (January 2001 - December 2013).
- Visiting Scientist (Sabbatical), Laboratory of Molecular Immunology, Mucosal Immunobiology Section, National Institute of Health (NIH), Bethesda, Maryland, U.S.A. (January 2007-November 2007).
- Visiting Scientist (Sabbatical), Immunology Institute, Mount Sinai School of Medicine, U.S.A. (November 2007-March 2008).

Grants:

- 1994-1995: £ 35.000; National Association for Crohn and Colitis, UK. (Chemokine production by human colonic epithelial cells in inflammatory bowel disease).
- 1995-1998: Drachma 3.000.000; Hellenic Society of Gastroenterology. (Chemokine expression in the mucosa of inflammatory bowel disease patients; modulation by T-cell derived cytokines).
- 1996-1997: £55.000, Astra Foundation, UK. (Mechanisms of mucosal injury in inflammatory bowel disease).
- 1997-1998: £55,000; Astra Foundation, UK (Regulation of chemokines and inducible nitric oxide synthase by cytokines in Inflammatory Bowel Disease-IBD).
- 1999-2000: £ 120.000; Novartis, UK (The role of chemokines in the fibrotic process in IBD).
- 2002-2003: £ 15.000; Wellcome Trust, UK (Investigate the cross-talk between colonic epithelial cells, IEL and myofibroblasts and its relevance to IBD).
- 2005-2007: € 45,200, European structural and investment funds (ESIF) (The impact of chemokines in the fibrotic process of Crohn's disease; the role of myofibroblasts).
- 2006-2009: € 12,000; Greek Ministry of Health (The regulatory role of angiogenic and angiostatic CXC chemokines on colon cancer. Factors regulating the tumor growth and metastasis).
- 2009-2015: € 130,000; GlaxoSmithKline, Greece (Inflammatory mediators and cell populations interplay in the pathogenesis of idiopathic pulmonary fibrosis and pulmonary hypertension), in collaboration with Professor D. Bouros, DUTH, Greece.
- 2013-2015: € 95,000; BBMRI (Biobanking and Biomolecular Resources Research Infrastructure), National Strategic Reference Framework, Greece/European Union.
- 2018: € 10,000; The Hellenic Group for the Study of IBD (Isolation and biobanking of myofibroblasts from IBD patients in the BBMRI-GR biobank in order to study post-inflammatory fibrosis).

- 2018-2020: € 24,000; Kleon Tsetis Foundation, Athens Greece (Gut-kidney axis in fibrosis; the role of microbiome and probiotics (PRObiotics in Gut and RENal Scarring).
- 2019-2022: € 40,000; BBMRI (Biobanking and Biomolecular Resources Research Infrastructure), National Strategic Reference Framework, Greece/European Union.
- 2019-2022: € 360,000, Tithon Biotech Inc, San Diego, California, USA. (Study of anti-inflammatory and/or anti-fibrotic properties of newly synthesized peptides).
- 2020-2023 € 2,750,000; Operational Program “Competitiveness, Entrepreneurship & Innovation” (EPAnEK); Development of Centre of Excellence in Pharmaceutical Studies and Precision Medicine. in collaboration with Professor E. Manolopoulos, DUTH, Greece.

Awards:

- **2006:** 1st prize (€ 1,500) FALK Foundation Symposium 153, Immunoregulation in Inflammatory Bowel Diseases for the work "*Expression of a spliced variant of CXCR3 chemokine receptor and its chemokine ligands in Crohn's disease patients; a regulatory effect of cytokines*", May 6-7, 2006, Berlin Germany.
- **2013:** 3rd prize (€ 10,000) in SFEE Innovation Project, with a project aiming "*to unravel the potential of using adipose-derived adult stem cells for autologous transplantation, in an effort to combat incurable lung diseases*", November 24, 2013, Athens Greece,
- **2014:** National Scholar Award at 22nd United European Gastroenterology Week for the work "*primary intestinal myofibroblasts express the TNF-like cytokine TL1A/TNFSF15 following stimulation with pro-inflammatory mediators*", October 18-22, 2014, Vienna Austria.
- **2018:** FALK Foundation Symposium 210, Crossing new Borders in IBD. Distinction for the work "*Cytokine receptor profiling in human colonic subepithelial myofibroblasts: a differential effect of Th polarization associated cytokines in intestinal fibrosis*" April 20-21, 2018, Lisbon Portugal.

Memberships:

- Full member of the Greek Society of Gastroenterology (November 1990).
- Full member of the British Society for Immunology (November 1998).
- Full member of the European Society of Gastrointestinal and Abdominal Radiology (May 2005).
- Full member of the International Society for Mucosal Immunology (September 2007).
- Full member of the European Crohn's and Colitis Organisation (May 2008)
- Full member of the Greek Society of Pharmacology (February 2009).
- President of the Greek Society for Mucosal Immunology and Immuno-Pharmacology (February 2015).

Member of Editorial Boards:

- Annals of Gastroenterology, Associate Editor
- European Journal of Pharmacology, Editorial Board

Publications:

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|----------------------------|-----|
| 1. PhD Thesis: | 2 |
| 2. Books: | 1 |
| 3. Publications in PubMed: | 109 |

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| 4. Total Impact factor (PubMed): | 470.276 |
| 5. Μέσος Impact factor (PubMed): | 4.314 |

Selected Publications (Pubmed):

1. **Kolios G**, Kaloterakis A, Filiotou A, Nakos A, Hadziyannis S. Gastroscopic findings in Mediterranean Kaposi's sarcoma (non-AIDS). *Gastrointestinal Endoscopy*. 1995; 42:336-339.
2. **Kolios G**, Brown Z, Robson RL, Robertson DA, Westwick J. Inducible nitric oxide synthase activity and expression in a human colonic epithelial cell line, HT-29. *British Journal of Pharmacology*. 1995; 116:2866-2872.
3. **Kolios G**, Robertson DA, Jordan NJ, Minty A, Caput D, Ferrara P, Westwick J. Interleukin-8 production by the human colon epithelial cell line HT-29: modulation by interleukin-13. *British Journal of Pharmacology*. 1996; 119:351-359.
4. Wright K, Ward SG, **Kolios G**, Westwick J. Activation of phosphatidylinositol 3-kinase by interleukin-13. An inhibitory signal for inducible nitric-oxide synthase expression in epithelial cell line HT-29. *Journal of Biological Chemistry*. 1997; 272:12626-12633.
5. Davis AJ, **Kolios G**, Alveyn CG, Robertson DA. Antibiotic prophylaxis for ERCP: a comparison of oral ciprofloxacin with intravenous cephalosporin in the prophylaxis of high-risk patients. *Alimentary Pharmacology & Therapeutics*. 1998; 12:207-11.
6. **Kolios G**, Rooney N, Murphy CT, Robertson DA, Westwick J. Expression of inducible nitric oxide synthase activity in human colon epithelial cells: modulation by T lymphocyte derived cytokines. *Gut*. 1998; 43:56-63.
7. **Kolios G**, Petoumenos C, Nakos A. Mediators of inflammation: production and implication in inflammatory bowel disease. *Hepato-Gastroenterology*. 1998; 45:1601-1609.
8. **Kolios G**, Wright KL, Jordan NJ, Leithead JB, Robertson DA, Westwick J. C-X-C and C-C chemokine expression and secretion by the human colonic epithelial cell line, HT-29: differential effect of T lymphocyte-derived cytokines. *European Journal of Immunology*. 1999; 29:530-536.
9. Wright K, **Kolios G**, Westwick J, Ward SG. Cytokine-induced apoptosis in epithelial HT-29 cells is independent of nitric oxide formation. Evidence for an interleukin-13-driven phosphatidylinositol 3-kinase-dependent survival mechanism. *Journal of Biological Chemistry*. 1999; 274:17193-17201.
10. Jordan NJ, **Kolios G**, Abbot SE, Sinai MA, Thompson DA, Petraki K, Westwick J. Expression of functional CXCR4 chemokine receptors on human colonic epithelial cells. *Journal of Clinical Investigation*. 1999; 104:1061-1069.
11. **Kolios G**, Wright KL, Linehan JD, Robertson DA, Westwick J. Interleukin-13 inhibits nitric oxide production in human colonic mucosa. *Hepato-Gastroenterology*. 2000; 47:714-717.
12. Weaver SA, Russo MP, Wright KL, **Kolios G**, Jobin C, Robertson DA, Ward SG. Regulatory role of phosphatidylinositol 3-kinase on TNF-alpha-induced cyclooxygenase 2 expression in colonic epithelial cells. *Gastroenterology*. 2001; 120:1117-1127.
13. **Kolios G**, Valatas V, Psilopoulos D, Petraki K, Kouroumalis E. Depletion of non-specific esterase activity in the colonic mucosa of patients with ulcerative colitis. *European Journal of Clinical Investigation*. 2002; 32:265-273.
14. Valatas V, Xidakis C, Roumpaki H, **Kolios G**, Kouroumalis EA. Isolation of rat Kupffer cells: a combined methodology for highly purified primary cultures. *Cell Biology International*. 2003; 27:67-73.

15. Valatas V, **Kolios G**, Manousou P, Notas G, Xidakis C, Diamantis I, Kouroumalis E. Octreotide regulates CC but not CXC LPS-induced chemokine secretion in rat Kupffer cells. *British Journal of Pharmacology*. 2004; 141:477-487.
16. Xidakis C, **Kolios G**, Valatas V, Notas G, Mouzas I, Kouroumalis E. Effect of octreotide on apoptosis-related proteins in rat Kupffer cells: a possible anti-tumour mechanism. *Anticancer Research*. 2004; 24:833-841.
17. Wright KL, Weaver SA, Patel K, Coopman K, Feeney M, **Kolios G**, Robertson DA, Ward SG. Differential regulation of prostaglandin E biosynthesis by interferon-gamma in colonic epithelial cells. *British Journal of Pharmacology*. 2004; 141:1091-1097.
18. Vasilaki A, Papadaki T, Notas G, **Kolios G**, Mastrodimou N, Hoyer D, Tsilimbaris M, Kouroumalis E, Pallikaris I, Thermos K. Effect of somatostatin on nitric oxide production in human retinal pigment epithelium cell cultures. *Investigative Ophthalmology & Visual Science*. 2004; 45:1499-1506.
19. Notas G, **Kolios G**, Mastrodimou N, Kampa M, Vasilaki A, Xidakis C, Castanas E, Thermos K, Kouroumalis E. Cortistatin production by HepG2 human hepatocellular carcinoma cell line and distribution of somatostatin receptors. *Journal of Hepatology*. 2004; 40:792-798.
20. Valatas V, **Kolios G**, Manousou P, Xidakis C, Notas G, Ljumovic D, Kouroumalis EA. Secretion of inflammatory mediators by isolated rat Kupffer cells: the effect of octreotide. *Regulatory Peptides*. 2004; 120:215-225.
21. Koutroubakis IE, Theodoropoulou A, Xidakis C, Sfiridaki A, Notas G, **Kolios G**, Kouroumalis EA. Association between enhanced soluble CD40 ligand and prothrombotic state in inflammatory bowel disease. *European Journal of Gastroenterology & Hepatology*. 2004; 16:1147-1152.
22. **Kolios G**, Valatas V, Ward SG. Nitric oxide in inflammatory bowel disease: a universal messenger in an unsolved puzzle. *Immunology*. 2004; 113:427-437.
23. Linehan JD, **Kolios G**, Valatas V, Robertson DA, Westwick J. Effect of corticosteroids on nitric oxide production in inflammatory bowel disease: are leukocytes the site of action? *American Journal of Physiology. Gastrointestinal and Liver Physiology*. 2005; 288:G261-G267.
24. Dimoulios P, **Kolios G**, Notas G, Matrella E, Xidakis C, Koulentaki M, Tsagarakis N, Kouroumalis A, Kouroumalis E. Ursodeoxycholic acid reduces increased circulating endothelin 2 in primary biliary cirrhosis. *Alimentary Pharmacology & Therapeutics*. 2005; 21:227-234.
25. Xidakis C, Ljumovic D, Manousou P, Notas G, Valatas V, **Kolios G**, Kouroumalis E. Production of pro- and anti-fibrotic agents by rat Kupffer cells; the effect of octreotide. *Digestive Diseases and Sciences*. 2005; 50:935-941.
26. Kouroumalis A, Nibbs RJ, Aptel H, Wright KL, **Kolios G**, Ward SG. The chemokines CXCL9, CXCL10, and CXCL11 differentially stimulate G alpha i-independent signaling and actin responses in human intestinal myofibroblasts. *Journal of Immunology*. 2005; 175:5403-5411.
27. Linehan JD, **Kolios G**, Valatas V, Robertson DA, Westwick J. Immunomodulatory cytokines suppress epithelial nitric oxide production in inflammatory bowel disease by acting on mononuclear cells. *Free Radical Biology & Medicine*. 2005; 39:1560-1569.
28. **Kolios G**, Manousou P, Bourikas L, Notas G, Tsagarakis N, Mouzas I, Kouroumalis E. Ciprofloxacin inhibits cytokine-induced nitric oxide production in human colonic epithelium. *European Journal of Clinical Investigation*. 2006; 36:720-729.

29. Charalampopoulos I, Androulidaki A, Minas V, Chatzaki E, Tsatsanis C, Notas G, Xidakis C, **Kolios G**, Kouroumalis E, Margioris AN, Gravanis A. Neuropeptide urocortin and its receptors are expressed in rat Kupffer cells. *Neuroendocrinology*. 2006; 84:49-57.
30. **Kolios G**, Valatas V, Kouroumalis E. Role of Kupffer cells in the pathogenesis of liver disease. *World Journal of Gastroenterology*. 2006; 12:7413-7420.
31. **Kolios G**, Kotzampassi K, Manousou P, Paramythiotis D, Papanastasiou H, Drygiannakis I, Notas G, Tsagarakis N, Eleftheriadis E, Kouroumalis E. Enteral nutrition affects nitric oxide production in peripheral blood and liver after a postoperative lipopolysaccharide-induced endotoxemia in rats. *Nutrition*. 2007; 23:575-581.
32. Xidakis C, Mastrodimitou N, Notas G, Renieri E, **Kolios G**, Kouroumalis E, Thermos K. RT-PCR and immunocytochemistry studies support the presence of somatostatin, cortistatin and somatostatin receptor subtypes in rat Kupffer cells. *Regulatory Peptides*. 2007; 143:76-82.
33. Damaskos D, **Kolios G**. Probiotics and prebiotics in inflammatory bowel disease: microflora 'on the scope'. *British Journal of Clinical Pharmacology*. 2008; 65:453-467.
34. Manousou P, **Kolios G**, Drygiannakis I, Pyrovolaki K, Bourikas L, Papadaki HA, Kouroumalis E. Expression of a splice variant of CXCR3 in Crohn's disease patients; indication for a lymphocyte--epithelial cell interaction. *Journal of Gastroenterology and Hepatology*. 2008; 23:1823-33.
35. **Kolios G**, Valatas V, Manousou P, Xidakis C, Notas G, Kouroumalis E. Nitric oxide and MCP-1 regulation in LPS activated rat Kupffer cells. *Molecular and Cellular Biochemistry*. 2008; 319:91-98.
36. Galazios G, Papazoglou D, Tsikouras P, **Kolios G**. Vascular endothelial growth factor gene polymorphisms and pregnancy. *The Journal of Maternal-Fetal & Neonatal Medicine*. 2009; 22:371-378.
37. Bourikas LA, **Kolios G**, Valatas V, Notas G, Drygiannakis I, Pelagiadis I, Manousou P, Klironomos S, Mouzas IA, Kouroumalis E. Ciprofloxacin decreases survival in HT-29 cells via the induction of TGF-beta1 secretion and enhances the anti-proliferative effect of 5-fluorouracil. *British Journal of Pharmacology*. 2009; 157:362-370.
38. Kotzampassi K, **Kolios G**, Manousou P, Kazamias P, Paramythiotis D, Papavramidis TS, Heliadis S, Kouroumalis E, Eleftheriadis E. Oxidative stress due to anesthesia and surgical trauma: importance of early enteral nutrition. *Molecular Nutrition & Food Research*. 2009; 53:770-779.
39. Paschos KA, **Kolios G**, Chatzaki E. The corticotropin-releasing factor system in inflammatory bowel disease: prospects for new therapeutic approaches. *Drug Discovery Today*. 2009; 14:713-20.
40. Kefalakes H, Stylianides TJ, Amanakis G, **Kolios G**. Exacerbation of inflammatory bowel diseases associated with the use of nonsteroidal anti-inflammatory drugs: myth or reality? *European Journal of Clinical Pharmacology*. 2009; 65:963-970.
41. Kapetanakis S, Drygiannakis I, Kazakos K, Papanas N, **Kolios G**, Kouroumalis E, Verettas DA. Serum TGF-beta2 and TGF-beta3 are increased and positively correlated to pain, functionality, and radiographic staging in osteoarthritis. *Orthopedics*. 2010; 33:8.
42. Tsagarakis NJ, Drygiannakis I, Batistakis AG, **Kolios G**, Kouroumalis EA. A concentration-dependent effect of ursodeoxycholate on apoptosis and caspases

- activities of HepG2 hepatocellular carcinoma cells. *European Journal of Pharmacology*. 2010; 640:1-7.
43. Manousou P, **Kolios G**, Valatas V, Drygiannakis I, Bourikas L, Pyrovolaki K, Koutroubakis I, Papadaki HA, Kouroumalis E. Increased expression of chemokine receptor CCR3 and its ligands in ulcerative colitis: the role of colonic epithelial cells in in vitro studies. *Clinical and Experimental Immunology*. 2010; 162:337-347.
 44. Tsagarakis NJ, Drygiannakis I, Batistakis AG, **Kolios G**, Kouroumalis EA. Octreotide induces caspase activation and apoptosis in human hepatoma HepG2 cells. *World Journal of Gastroenterology*. 2011; 17:313-321.
 45. Kambas K, Chrysanthopoulou A, Kourtzelis I, Skordala M, Mitroulis I, Rafail S, Vradelis S, Sigalas I, Wu YQ, Speletas M, **Kolios G**, Ritis K. Endothelin-1 signaling promotes fibrosis in vitro in a bronchopulmonary dysplasia model by activating the extrinsic coagulation cascade. *Journal of Immunology*. 2011; 186:6568-6575.
 46. Tzouvelekis A, Koliakos G, Ntolios P, Baira I, Bouros E, Oikonomou A, Zissimopoulos A, **Kolios G**, Kakagia D, Paspaliaris V, Kotsianidis I, Froudarakis M, Bouros D. Stem cell therapy for idiopathic pulmonary fibrosis: a protocol proposal. *Journal of Translational Medicine*. 2011; 9:182.
 47. Chrysanthopoulou A, Mitroulis I, Kambas K, Skendros P, Kourtzelis I, Vradelis S, **Kolios G**, Aslanidis S, Doumas M, Ritis K. Tissue factor-thrombin signaling enhances the fibrotic activity of myofibroblasts in systemic sclerosis through up-regulation of endothelin receptor A. *Arthritis and Rheumatism*. 2011; 63:3586-97.
 48. Tzouvelekis A, Bouros E, Oikonomou A, Ntolios P, Zacharis G, **Kolios G**, Bouros D. Effect and safety of mycophenolate mofetil in idiopathic pulmonary fibrosis. *Pulmonary Medicine*. 2011; 2011:849035.
 49. Tzouvelekis A, Galanopoulos N, Bouros E, **Kolios G**, Zacharis G, Ntolios P, Koulelidis A, Oikonomou A, Bouros D. Effect and safety of mycophenolate mofetil or sodium in systemic sclerosis-associated interstitial lung disease: a meta-analysis. *Pulmonary Medicine*. 2012; 2012:143637.
 50. Domvri K, Zarogoulidis P, Porpodis K, Koffa M, Lambropoulou M, Kakolyris S, **Kolios G**, Zarogoulidis K, Chatzaki E. Gene therapy in liver diseases: state-of-the-art and future perspectives. *Current Gene Therapy*. 2012; 12(6):463-483.
 51. **Kolios G**, Moodley Y. Introduction to stem cells and regenerative medicine. *Respiration*. 2013; 85:3-10.
 52. Chatzaki E, Anton PA, Million M, Lambropoulou M, Constantinidis T, **Kolios G**, Taché Y, Grigoriadis DE. Corticotropin-releasing factor receptor subtype 2 in human colonic mucosa: down-regulation in ulcerative colitis. *World Journal of Gastroenterology*. 2013; 19:1416-1423.
 53. Manousou P, **Kolios G**, Drygiannakis I, Koulentaki M, Pyrovolaki K, Voumvouraki A, Notas G, Bourikas L, Papadaki HA, Kouroumalis E. CXCR3 axis in patients with primary biliary cirrhosis: a possible novel mechanism of the effect of ursodeoxycholic acid. *Clinical and Experimental Immunology*. 2013; 172:9-15.
 54. Pazaitou-Panayiotou K, Chemonidou C, Poupri A, Koureta M, Kaprara A, Lambropoulou M, Constantinidis TC, Galaktidou G, Koffa M, Kiziridou A, Kakolyris S, **Kolios G**, Kortsaris A, Chatzaki E. Gonadotropin-releasing hormone neuropeptides and receptor in human breast cancer: correlation to poor prognosis parameters. *Peptides*. 2013; 42:15-24.
 55. Paschos KA, Chouridou E, Koureta M, Lambropoulou M, **Kolios G**, Chatzaki E. The corticotropin releasing factor system in the liver: expression, actions and

- possible implications in hepatic physiology and pathology. *Hormones*. 2013; 12:236-245.
56. Drygiannakis I, Valatas V, Sfakianaki O, Bourikas L, Manousou P, Kambas K, Ritis K, **Kolios G**, Kouroumalis E. Proinflammatory cytokines induce crosstalk between colonic epithelial cells and subepithelial myofibroblasts: implication in intestinal fibrosis. *Journal of Crohn's & Colitis*. 2013; 7:286-300.
57. Valatas V, He J, Rivollier A, **Kolios G**, Kitamura K, Kelsall BL. Host-dependent control of early regulatory and effector T-cell differentiation underlies the genetic susceptibility of RAG2-deficient mouse strains to transfer colitis. *Mucosal Immunology*. 2013; 6:601-611.
58. Balgkouranidou I, Karayiannakis A, Matthaïos D, Bolanaki H, Tripsianis G, Tentes AA, Lianidou E, Chatzaki E, Fiska A, Lambropoulou M, **Kolios G**, Kakolyris S. Assessment of SOX17 DNA methylation in cell free DNA from patients with operable gastric cancer. Association with prognostic variables and survival. *Clinical Chemistry and Laboratory Medicine*. 2013; 51:1505-1510.
59. Tzouvelekis A, Paspaliaris V, Koliakos G, Ntoliou P, Bouros E, Oikonomou A, Zissimopoulos A, Boussios N, Dardzinski B, Gritzalis D, Antoniadis A, Froudarakis M, **Kolios G**, Bouros D. A prospective, non-randomized, no placebo-controlled, phase Ib clinical trial to study the safety of the adipose derived stromal cells-stromal vascular fraction in idiopathic pulmonary fibrosis. *Journal of Translational Medicine*. 2013; 11:171.
60. Drosos I, **Kolios G**. Stem cells in liver regeneration and their potential clinical applications. *Stem Cell Reviews*. 2013; 9:668-684.
61. Valatas V, Vakas M, **Kolios G**. The value of experimental models of colitis in predicting efficacy of biological therapies for inflammatory bowel diseases. *American Journal of Physiology. Gastrointestinal and Liver Physiology*. 2013; 305:G763- G785.
62. Lalidou F, **Kolios G**, Drosos GI. Bone infections and bone graft substitutes for local antibiotic therapy. *Surgical Technology International*. 2014; 24:353-362.
63. Karampelas T, Argyros O, Sayyad N, Spyridaki K, Pappas C, Morgan K, **Kolios G**, Millar RP, Liapakis G, Tzakos AG, Fokas D, Tamvakopoulos C. GnRH-Gemcitabine conjugates for the treatment of androgen-independent prostate cancer: pharmacokinetic enhancements combined with targeted drug delivery. *Bioconjugate Chemistry*. 2014; 25:813-823.
64. Lalidou F, **Kolios G**, Tavridou A, Drosos GI. Bone grafts as carriers for local antibiotic delivery for the treatment and prevention of bone infections. *Surgical Technology International*. 2014; 25:239-245.
65. Fouka E, Lamprianidou E, Arvanitidis K, Filidou E, **Kolios G**, Miltiades P, Paraskakis E, Antoniadis A, Kotsianidis I, Bouros D. Low-dose clarithromycin therapy modulates Th17 response in non-cystic fibrosis bronchiectasis patients. *Lung*. 2014; 192(6):849-855.
66. Drosos I, Tavridou A, **Kolios G**. New aspects on the metabolic role of intestinal microbiota in the development of atherosclerosis. *Metabolism: Clinical and Experimental*. 2015; 64:476-481.
67. Sertaridou E, Papaioannou V, **Kolios G**, Pneumatikos I. Gut failure in critical care: old school versus new school. *Annals of Gastroenterology*. 2015; 28:309-322.
68. Valatas V, Bamias G, **Kolios G**. Experimental colitis models: Insights into the pathogenesis of inflammatory bowel disease and translational issues. *European Journal of Pharmacology*. 2015; 759:253-264.

69. Fotiadis K, Filidou E, Arvanitidis K, Valatas V, Stavrou G, Basdanis G, Paspaliaris V, **Kolios G**, Kotzampassi K. Intraperitoneal application of phospholipids for the prevention of postoperative adhesions: a possible role of myofibroblasts. *Journal of Surgical Research*. 2015; 197(2):291-300.
70. **Kolios G**. Bin1 Antibodies for IBD Therapy: Is Permeability the Answer BAR None? *Digestive Diseases and Sciences*. 2016; 61:330-331.
71. **Kolios G**. Animal models of inflammatory bowel disease: how useful are they really? *Current Opinion in Gastroenterology*. 2016; 32:251-257.
72. Kotanidis L, Nikolettos K, Petousis S, Asimakopoulos B, Chatzimitrou E, **Kolios G**, Nikolettos N. The use of serum anti-Mullerian hormone (AMH) levels and antral follicle count (AFC) to predict the number of oocytes collected and availability of embryos for cryopreservation in IVF. *Journal of Endocrinological Investigation*. 2016; 39:1459-1464.
73. Bamias G, Filidou E, Goukos D, Valatas V, Arvanitidis K, Panagopoulou M, Kouklakis G, Daikos GL, Ladas SD, **Kolios G**. Crohn's disease-associated mucosal factors regulate the expression of TNF-like cytokine 1A and its receptors in primary subepithelial intestinal myofibroblasts and intestinal epithelial cells. *Translational Research*. 2017; 180:118-130.e2.
74. Panagopoulou M, Lambropoulou M, Balgkouranidou I, Nena E, Karaglani M, Nicolaidou C, Asimaki A, Konstantinidis T, Constantinidis TC, **Kolios G**, Kakolyris S, Agorastos T, Chatzaki E. Gene promoter methylation and protein expression of BRMS1 in uterine cervix in relation to high-risk human papilloma virus infection and cancer. *Tumour Biology*. 2017; 39:1010428317697557.
75. Valatas V, Filidou E, Drygiannakis I, **Kolios G**. Stromal and immune cells in gut fibrosis: the myofibroblast and the scarface. *Annals of Gastroenterology*. 2017; 30:393-404.
76. Dovrolis N, **Kolios G**, Spyrou G, Maroulakou I. Laying in silico pipelines for drug repositioning: a paradigm in ensemble analysis for neurodegenerative diseases. *Drug Discovery Today*. 2017; 22:805-813.
77. Gogou M, **Kolios G**. The effect of dietary supplements on clinical aspects of autism spectrum disorder: A systematic review of the literature. *Brain & Development*. 2017; 39:656-664.
78. Bouros E, Filidou E, Arvanitidis K, Mikroulis D, Steiropoulos P, Bamias G, Bouros D, **Kolios G**. Lung fibrosis-associated soluble mediators and bronchoalveolar lavage from idiopathic pulmonary fibrosis patients promote the expression of fibrogenic factors in subepithelial lung myofibroblasts. *Pulmonary Pharmacology & Therapeutics*. 2017; 46:78-87.
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