

CURRICULUM VITAE

Name: Glenville Jones
Nationality: British/Canadian Citizen
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Queen's University
Kingston, Ontario, Canada K7L 3N6

EDUCATION

B.Sc. Degree 1967, Liverpool University (Chemistry, General Biology)
B.Sc. (Honours) 1968, Liverpool University (Biochemistry)
Ph.D. Degree 1971, Liverpool University (Biochemistry), with Dr George A.J. Pitt
Postdoctoral Training University of Calgary, Alberta, Canada (With Dr. John N. Hawthorne)
(Oct. 1971-Oct. 1975) University of Wisconsin, Madison, U.S.A. (With Dr. Hector F. DeLuca)

CURRENT POSITIONS HELD

June 1 2011-Present Craine Professor of Biochemistry, Department of Biomedical & Molecular Sciences;
Professor, Department of Medicine, Queen's University, Kingston, Ontario, Canada
July 2002-Present Scientific Advisory Board, Cytochroma/OPKO Renal, Miami, Florida, US
Sept 2017-Present Chair of Advisory Committee, Vitamin D External Quality Assurance Scheme (DEQAS)

PAST POSITIONS HELD

Nov. 1975 - Feb. 1984 Assistant Professor (1975-1982) & Associate Professor (1982-1984), Division of Endocrinology
Research, Research Institute, The Hospital for Sick Children, Toronto, ON, Canada
Assistant Professor (1975-1983) & Associate Professor (1983-1984), Depts. Biochemistry,
Pediatrics & School of Graduate Studies, University of Toronto, Toronto, ON, Canada
Feb. 1984 - June 1988 Associate Professor, Depts of Medicine & Biochemistry, Queen's University, Kingston, ON,
July 1988 – June 2002 Professor of Biochemistry & Professor of Medicine, Queen's University, Kingston, ON Canada
July 1989 - July 1990 Visiting Professor, Department of Biochemistry, University of Arizona, Tucson, Arizona, U.S.A
Jan 1997 - Sept 2002 Co-founder, Vice-President & Chief Scientific Officer, Cytochroma Inc, Kingston, ON, Canada
July 2002- June 2011 Craine Professor of Biochemistry & Head, Department of Biochemistry
Professor, Department of Medicine, Queen's University, Kingston, Ontario, Canada
May 2010-April 2013 Scientific Advisory Board, Receptor Inc, Toronto, Ontario, Canada

AWARDS

Feb 1984- Feb 1994 Medical Research Council Development Grant (10 year salary and equipment award)
April 2000 Queen's University Biochemistry Student Teaching Award
September 2004 Career Research Excellence Award, 12th Annual Providence Symposium on Vitamin D,
Providence, RI, USA
April 2006 Career Achievement Award, 13th International Workshop on Vitamin D, Victoria, Canada
July 2009 Outstanding Speaker Award 2009. Amer Assoc Clinical Chemistry, Chicago, IL, USA
July 2013 Research highlighted in CIHR-IMHA publication: "*Celebrating the Impact of Health Research:
Success Stories in Arthritis, Bone, Muscle, Musculoskeletal Rehabilitation, Oral Health and Skin*".
September 2014 Queen's University 2014 Prize for Excellence in Research in Health Sciences
October 2015 European Vitamin D Association (EVIDAS) Award for Vitamin D Knowledge Translation

NATIONAL & INTERNATIONAL SCIENTIFIC ACTIVITIES- HIGHLIGHTS

1987-1991	Member, Fellowship Committee B, Medical Research Council.
1990-1994	Editorial Board, Journal of Bone & Mineral Research.
1991	Scientific Program Committee, 8 th Workshop on Vitamin D, Paris, France.
1992-1996	Member, Metabolism & Nutrition Committee, Medical Research Council.
1994	Scientific Program Committee, 9 th Workshop on Vitamin D, Orlando, FL USA.
1996-1997	Programme Grant Panelist, NIH-NCI, Bethesda, Maryland
1997-Present	Scientific Advisory Board, Vitamin D External Quality Assurance Scheme (DEQAS)
1997	Scientific Program Committee, 10 th Workshop on Vitamin D, Strasbourg, France.
1998	Delegate and member of working group, Joint FAO/WHO Panel for Dietary Intakes of Vitamins and Minerals that convened in Bangkok, Sept. 1998. Published as current worldwide guidelines in 2002.
1999-2000	Member, Metabolism & Nutrition Committee, Medical Research Council.
2000	Scientific Program Committee, 11 th Workshop on Vitamin D, Nashville, TN, USA.
2001-2004	Programme Grant Panelist, NIH-NCI, Bethesda, Maryland
2001-2004	Invited Scientific Officer, Metabolism & Nutrition Grants Committee, CIHR
2001-2004	Inaugural Member, Institute Advisory Board, Canadian Institute of Nutrition, Metabolism & Diabetes.
2001-2004	Member, Metabolism & Nutrition Grants Committee, Canadian Institute of Health Research
2003	Scientific Program Committee, 12 th Workshop on Vitamin D, Maastricht, Holland
2004-2006	Ontario Graduate Studentships, Selection Panel
2005-2006	Scientific Program Committee, 13 th Workshop on Vitamin D, Victoria, BC, Canada.
2006	Academic Review Committee, Biomedical, Biomolecular & Chemical Sci., U Western Australia, Perth, Australia.
2007-2010	Panel Member & Invited Scientific Officer, University/Industry Grants Committee, CIHR
2008-2009	Technical expert on Tufts University evidence-based report committee (AHRQ report) assessing “Relationships of Vitamin D and Calcium Intakes to Nutrient Status Indicators and Health Outcomes”
2008-2009	Scientific Program Committee, 14 th Workshop on Vitamin D, Bruges, Belgium.
2009-2011	National Academy of Sciences, Institute of Medicine Committee to Review Dietary Reference Intakes for Vitamin D and Calcium (Joint US/Canadian committee to review DRIs for vitamin D and Calcium).
2009-Present	Editorial Board, Dermato-Endocrinology (Landes Bioscience Journals)
2011-2012	Program Advisory Committee, 15 th Workshop on Vitamin D, Houston, TX.
2012-2013	Member, Program Grants in Nutrition Committee, Canadian Institutes of Health Research
2012-2013	Program Advisory Committee, 16 th Workshop on Vitamin D, San Francisco, CA.
2013	Technical Expert Panel, Rand Corporation Vitamin D and Calcium Update Evidence Review (AHRQ report)
2016	CIHR Project Grant Competition Reviewer
2016-2017	Program Advisory Committee, 20 th Workshop on Vitamin D, Orlando, FL

RESEARCH INSTITUTE & UNIVERSITY APPOINTMENTS

1979-1983	Secretary & Chairman, Research Training Committee, Hospital for Sick Children Research Institute.
1982-1984	Safety Officer, Hospital for Sick Children Research Institute.
1984-1987	Advisory Research Committee, School of Graduate Studies.
1990-1994	Graduate Programme Coordinator, Department of Biochemistry
1991-1994	Chairman, Division 1, School of Graduate Studies.
1992-1998	Chairman, Queen’s National Scholar Programme
1999-2002	Councillor, Life Sciences Programme
2000-2002	Undergraduate Advisor, Department of Biochemistry
2000-2002	Chair, Appointments, Promotions and Tenure Committee, Department of Biochemistry
2001-2002	Faculty of Arts and Science, Curriculum Committee
2002-2003	SEAMO (South Eastern Ontario Medical Organisation) Basic Science Representative
2009	Chair, Internal Academic Review, Department of Chemistry, Queen’s University
2009	Committee Member, Faculty of Health Sciences Dean’s Advisory Group on Restructuring (AGoR)
2005-2011	SEAMO (South Eastern Ontario Medical Organisation) Basic Science Representative
2006-2012	Board of Directors, PARTEQ (Queen’s University Commercialisation of Intellectual Property arm)
2012	Member, Headship Search Committee, Department of Biomedical & Molecular Sciences

SOCIETIES

- Canadian Biochemical Society;
- American Society for Bone and Mineral Research (inaugural member);
- American Society for Nephrology;
- American Association of Clinical Chemistry

PUBLICATIONS

1. Jones G, Schnoes HK, DeLuca HF (1975) Isolation and identification of 1,25-dihydroxyvitamin D₂. *Biochemistry* **14**:1250-1256. PMID: 1078978
2. Jones G, DeLuca HF (1975) High pressure liquid chromatography: Separation of the metabolites of vitamin D₂ and D₃ on small-particle silica columns. *J Lipid Res* **16**:448-453. PMID: 172574
3. Jones G, Schnoes HK, DeLuca HF (1976) An in vitro study of vitamin D₂ hydroxylases in the chick. *J Biol Chem* **251**:24-28. PMID: 1081537
4. Jones G, Baxter L, DeLuca HF, Schnoes HK (1976) The biological activity of 1,25-dihydroxyvitamin D₂ in the chick. *Biochemistry* **15**:713-716.
5. Lorenc R, Tanaka Y, DeLuca HF, Jones G (1977) Lack of effect of calcitonin on the regulation of vitamin D metabolism in the rat. *Endocrinology* **100**:468-472. PMID: 832634
6. Jones G (1977) Application of high pressure liquid chromatography for assay of vitamin D metabolites. In "Vitamin D: Biochemical, Chemical and Clinical Aspects Related to Calcium Metabolism". Eds. Norman AW, et al., de Gruyter, New York, pp. 491-500.
7. Jones G (1978) Assay of vitamin D₂ and D₃, 25-hydroxyvitamins D₂ and D₃ in human plasma by high pressure liquid chromatography. *Clin Chem* **24**:287-298. PMID: 203413
8. Vieth R, Fraser D, Jones G (1978) A modified photography tank for continuous development of thin-layer chromatographic plates. *Anal Chem* **50**:2150-2152.
9. Jones G, Rosenthal A, Segev D, Mazur Y, Frolow F, Halfon Y, Rabinovich D, Shakked Z (1979) 24(R),25-dihydroxyvitamin D₂ synthesis, determination of absolute configuration by X-ray analysis and identification as a kidney metabolite of vitamin D₂. *Tetrahedron Lett* **2**:177-180.
10. Hay AWM, Jones G (1979) The elution profile of vitamin D₂ metabolites from Sephadex LH-20 columns. *Clin Chem* **25**:473-475. PMID: 318054
11. Jones G, Rosenthal A, Segev D, Mazur Y, Frolow F, Halfon Y, Rabinovich D, Shakked Z (1979) Isolation and identification of 24,25-dihydroxyvitamin D₂ using the perfused rat kidney. *Biochemistry* **18**:1094-1101. PMID: 311655
12. Kooh SW, Jones G, Reilly BJ, Fraser D (1979) Pathogenesis of rickets in hepatobiliary disease in children. *J Pediatr* **94**:870-874. PMID: 448526
13. Jones G, Byrnes B, Jeejeebhoy KN (1979) Contribution of skin vitamin D₃ synthesis in patients receiving total parenteral nutrition. In "Vitamin D: Basic Research and its Clinical Application". Eds. Norman AW et al.; De Gruyter, Berlin, pp. 169-172.
14. Murray, T.M., Cifuentes, R.F., Jones, G. and Radde, I.C. (1979) Effects of graded doses of vitamin D₃ on intestinal Ca transport, CaBP and CaATPase in the young pigs. In "Vitamin D: Basic Research and its Clinical Application". Eds. Norman AW et al.; De Gruyter, Berlin, pp. 655-658.
15. Rosenthal AM, Jones G, Fraser D, Kooh SW (1979) 1,25-(OH)₂vitamin D₃ and 24,25-(OH)₂vitamin D₃ synthesis by the isolated perfused rat kidney. In "Vitamin D: Basic Research and its Clinical Application". Eds. Norman AW et al.; De Gruyter, Berlin, pp. 613-616.

16. Jones G, Byrnes B, Palma F, Segev D, Mazur Y (1980) Displacement potency of vitamin D₂ analogs in competitive protein-binding assays for 25-hydroxyvitamin D₃, 24,25-dihydroxyvitamin D₃ and 1,25-dihydroxyvitamin D₃. *J Clin Endocrinol Metab* **50**:773-775. PMID: 6965943
17. Shike M, Harrison JE, Sturtridge WC, Tam CS, Bobechko PE, Jones G, Murray TM, Jeejeebhoy KN (1980) Metabolic bone disease in patients receiving long-term total parenteral nutrition. *Ann Intern Med* **92**:343-350. PMID: 6766694
18. Rosenthal AM, Jones G, Kooh SW, Fraser D (1980) 25-Hydroxyvitamin D₃ metabolism by the isolated perfused rat kidney. *Am J Physiol (Endocrinol Metab 2)* **239**:E12-E20. PMID: 6249124
19. Tam CS, Harrison JE, Heersche JNM, Jones G, Wilson DR, Parsons JA, Murray TM (1980) Short term variation in the rate of apposition of mineralized bone matrix in small animals. *Metab Bone Dis et Rel Res* **2**(S):159-166.
20. Jones G, Schnoes, HK, Levan L, DeLuca HF (1980) Isolation and identification of 24-hydroxyvitamin D₂ and 24,25-dihydroxyvitamin D₂. *Arch Biochem Biophys* **202**:450-457. PMID: 6970013
21. Jones G (1980) Ternary solvent mixtures for improved resolution of hydroxylated metabolites of Vitamin D₂ and Vitamin D₃ during high-performance liquid chromatography. *J Chromatogr Biomed Appls* **221**:27-37.
22. Tam CS, Jones G, Heersche JNM (1981) The effect of vitamin D restriction and repletion on bone apposition in the rat and its dependence on parathyroid hormone. *Endocrinology* **109**:1448-1453. PMID: 6271531
23. Gray TK, McAdoo T, Pool D, Lester GE, Williams ME, Jones G (1981) A modified radio-immunoassay for 1,25-dihydroxycholecalciferol. *Clin Chem* **27**:458-462. PMID: 6894110
24. Shike M, Sturtridge WC, Tam CS, Harrison JE, Jones G, Murray TM, Husdan H, Whitwell J, Wilson DR, Jeejeebhoy KN (1981) A possible role of vitamin D in the genesis of parenteral-nutrition-induced metabolic bone disease. *Ann Int Med* **95**:560-568. PMID: 6794407
25. Heersche JNM, Tam CS, Jones G (1981) Measurement of the apposition rate of mineralized bone matrix and osteoid in normal, D-restricted and D-repleted rats using simultaneous labelling with ³H proline and tetracycline. "Chemistry & Biology of Mineralized Connective Tissue". Ed. Veis A; Elsevier North-Holland Inc., Amsterdam, New York, pp. 313-315.
26. Jones G, Wong T-Y, Reddy GS, DeLuca HF (1982) Lack of 24-hydroxylation of 24,24-difluoro-25-hydroxyvitamin D₃ in the perfused rat kidney. In "Vitamin D: Chemical, Biochemical and Clinical Endocrinology of Calcium Metabolism". Eds. Norman AW, Schaefer K, von Herrath D, Grigoleit, H-G; De Gruyter, New York, pp. 191-193.
27. Atkinson SA, Jones G, Radde IC, Sheepers J (1982) Plasma 1,25-dihydroxyvitamin D₃ (1,25diOHD), ionic and total calcium after oral doses of 1,25-diOHD and Ca-feeds in young piglets. In "Vitamin D: Chemical, Biochemical and Clinical Endocrinology of Calcium Metabolism". Eds. Norman AW, Schaefer K, von Herrath D, Grigoleit, H-G; De Gruyter, New York, pp. 579-581.
28. Mazur Y, Segev D, Jones G (1982) Synthesis and determination of absolute configuration of kidney metabolites of vitamin D. In "Vitamin D: Chemical, Biochemical and Clinical Endocrinology of Calcium Metabolism". Eds. Norman AW, Schaefer K, von Herrath D, Grigoleit, H-G; De Gruyter, New York, pp. 1101-1106.
29. Reddy GS, Norman AW, Mayer E, Jones G, Ho M, Tsang RC (1982) 25-Hydroxyvitamin D₃-26,23-lactone synthesis by the isolated perfused rat kidney. In "Vitamin D: Chemical, Biochemical & Clinical Endocrinology of Calcium Metabolism". Eds. Norman AW et al.; De Gruyter, New York, pp. 511-513.

30. Reddy GS, Jones G, Kooh SW, Fraser D (1982) Inhibition of 25-hydroxyvitamin D₃-1-hydroxylase by chronic metabolic acidosis: A study with the isolated perfused rat kidney. *Amer J Physiol* **243**: E265-E271. PMID: 7124941
31. Harrison JE, Hitchman AJW, Jones G, Tam CS, Heersche JNM (1982) Plasma vitamin D metabolite levels in phosphorus deficient rats during the development of vitamin D deficient rickets. *Metabolism* **31**:1121-1127. PMID: 7132739
32. Barnett BJ, Jones G, Cho CY, Slinger SJ (1982) The biological activity of 25-hydroxycholecalciferol and 1,25-dihydroxycholecalciferol for rainbow trout (Salmo gairdneri). *J Nutr* **112**:2020-2026. PMID: 6290625
33. Jeejeebhoy KN, Shike M, Sturtridge WC, Tam CS, Jones G, Murray TM, Harrison JE (1982) TPN bone disease at Toronto. Metabolic bone disease in total parenteral nutrition. Presented in Chicago, IL, June 10, 1982.
34. Gillis J, Jones G, Pencharz P (1983) Delivery of vitamins A, D and E in total parenteral nutrition solutions. *JPEN J Parenteral Enteral Nutr* **7**:11-14. PMID: 7132739
35. Jones G (1983) Chromatographic separation of 24(R),25-dihydroxyvitamin D₃ and 25-hydroxyvitamin D₃-26,23-Lactone using a cyano-bonded phase packing. *J Chromatogr Biomed Appl* **276**:69-75. PMID: 6608527
36. Fraher LJ, Adami S, Clemens TL, Jones G, O'Riordan JLH (1983) Radioimmunoassay of 1,25-dihydroxyvitamin D₂: Studies on the metabolism of vitamin D₂ in man. *Clin Endocrinol* **18**:151-165. PMID: 6603929
37. Reddy GS, Jones G, Kooh SW, Fraser D, DeLuca HF (1983) Effects of metabolites and analogs of vitamin D₃ on 24(R),25-dihydroxyvitamin D₃ synthesis. *Am J Physiol* **245**:E359-E364. PMID: 6312806
38. Jones G, Kung M, Kano K (1983) The isolation and identification of two new metabolites of 25-hydroxyvitamin D₃ produced in the kidney. *J Biol Chem* **258**:12920-12928. PMID: 6630213
39. Kano K, Jones G (1984) Direct *in vitro* effect of thyroid hormones on 25-hydroxyvitamin D₃ metabolism in the perfused rat kidney. *Endocrinology* **114**:330-336. PMID: 6418528
40. Petkovich PM, Heersche JNM, Tinker DO, Jones G. (1984) Retinoic acid stimulates 1,25-(OH)₂D₃ binding in rat osteosarcoma cells. *J Biol Chem* **259**:8274-8280. PMID: 6330107
41. Jones G, Kano K, Yamada S, Furusawa T, Takayama H, Suda T (1984) Identification of 24,25,26,27-tetranor-23-(OH)D₃ as a product of renal metabolism of 24,25-(OH)₂D₃. *Biochemistry* **23**:3749-3754. PMID: 6332645
42. Jones G, Seamark DA, Trafford DJH, Makin, HLJ (1985) Chapter 2: Vitamin D: Cholecalciferol Ergocalciferol and Hydroxylated Metabolites. In "Modern Chromatographic Analysis of the Vitamins". Chromatographic Science Series **30** Eds. de Leenheer, AP, Lambert WE, de Ruyter M; Dekker M. New York & Basel, pp. 73-128.
43. Jones G (1985) Impact of microcomputers on vitamin D research. In "Vitamin D. Chemical, Biochemical and Clinical Update" Eds. Norman AW et al., De Gruyter Berlin and New York, pp. 155-163.
44. Lukaszkiwicz J, Lorenc R, Romer T, Garabedian M, Balsan S, Jones G. (1985) Growth Hormone induced catch-up growth and serum 1,25-(OH)₂D concentrations in pituitary dwarfs. In: "Vitamin D. Chemical, Biochemical and Clinical Update" Eds. Norman AW et al. De Gruyter Berlin and New York, pp. 1109-1110.
45. Fraser D, Jones G, Koo SW, Radde IC (1985) Chapter 12: Calcium and phosphate metabolism. In "Clinical Chemistry", Ed. Tietz NW; WB Saunders, Philadelphia, pp. 1317-1372.

46. Yamada S, Ino E, Takayama H, Horiuchi N, Shinki T, Suda T, Jones G, DeLuca HF (1985) Differences in the side-chain metabolism of vitamin D₃ between chicken and rats. *Proc Natl Acad Sci USA* **82**:7485-7489. PMID: 2999764
47. Harrison JE, Tam CS, Hitchman AJW, Hitchman A, Hasang SA, Jones G (1986) The relationship between bone appositional rate and vitamin D activity in phosphate deficient rats. *Metabolism* **35**:126-129. PMID: 3484801
48. Tam CS, Heersche JNM, Jones G, Murray TM, Rasmussen H (1986) The effect of vitamin D on bone apposition *in vivo*. *Endocrinology* **118**:2217-2224. PMID: 3486118
49. Jones G (1986) A new pathway of 25-hydroxyvitamin D₃ metabolism. In: "Vitamins and Coenzymes"; Academic Press. Eds. McCormick DB, Chytil F. *Methods in Enzymology* **123**:141-154. PMID: 3702712
50. Jones G (1986) Chapter 9: "Fat-Soluble Vitamins. Part 1, Vitamin A and Vitamin D". In "Nutritional Aspects of Aging", Vol. 1, Ed. Chen L; CRC Press Inc., Boca Raton, pp. 195-212.
51. O'Leary TJ, Jones G, Yip A, Lohnes D, Cohan M, Yendt ER (1986) The effects of chloroquine on serum 1,25-dihydroxyvitamin D and calcium metabolism in sarcoidosis. *N Engl J Med* **315**:727-730. PMID: 3755800
52. Jones G (1986) Use of the perfused kidney and diode array spectrophotometry to study vitamin D metabolism. *J Analysis & Purification* **2**:12-19.
53. Fraser D, Jones G, Kooh SW, Radde IC (1987) Chapter 21: Calcium and Phosphate Metabolism. In "Fundamentals of Clinical Chemistry". Ed Tietz NW; W.B. Saunders, Philadelphia, pp. 705-728.
54. Petkovich PM, Heersche JNM, Aubin JE, Jones G (1987) Retinoic acid induced changes in 1,25-dihydroxyvitamin D₃ receptor levels in tumor and non-tumor cells derived from rat bone. *J Nat Cancer Inst* **78**:265-270. PMID: 3027442
55. Tenenhouse HS, Jones G (1987) Effect of the X-linked Hyp Mutation and Vitamin D status on induction of renal 25-hydroxyvitamin D₃-24-hydroxylase. *Endocrinology* **120**:609-616. PMID: 3803293
56. Jones G, Vriezen D, Lohnes D, Palda V, Edwards NS (1987) Side chain hydroxylation of vitamin D₃ and its physiological implications. *Steroids* **49**:29-53. PMID: 2842896
57. Jones G, Yip A, Tenenhouse HS (1987) Side-chain oxidation of vitamin D₃ in mouse kidney mitochondria: Effect of the Hyp mutation and 1,25-dihydroxyvitamin D₃ treatment. *Biochem Cell Biol* **65**:853-859. PMID: 2833907
58. Lohnes D, Jones G (1987) Side-chain metabolism of vitamin D in osteosarcoma cell line UMR-106: Characterization of products. *J Biol Chem* **262**:14394-14401. PMID: 2822692
59. Tenenhouse HS, Yip A, Jones G (1988) Increased renal catabolism of 1,25-dihydroxyvitamin D₃ in Murine X-linked hypophosphatemic rickets. *J Clin Invest* **81**:461-465. PMID: 3339128
60. Toogood JH, Crilly RG, Jones G, Nadeau J, Wells GA (1988) Effect of high dose budesonide on calcium and phosphate metabolism and the risk of osteoporosis. *Am Rev Respir Dis* **138**:57-61. PMID: 3202401
61. Jones G, Edwards N, Vriezen D, Porteous C, Trafford DJH, Cunningham J, Makin HLJ (1988) Isolation and identification of seven metabolites of 25-hydroxy-dihydroxyvitamin D₃ formed in the isolated perfused rat kidney: A model for the study of side-chain metabolism of Vitamin D. *Biochemistry* **27**:7070-7079. PMID: 3196702

62. Lohnes D, Jones G (1988) Biosynthesis of water-soluble metabolites of 1,25-dihydroxyvitamin D₃ by osteosarcoma UMR-106. In: "Vitamin D. Molecular, Cellular and Clinical Endocrinology" Eds. Norman AW et al.; de Gruyter, New York, pp 118-119.
63. Miller BE, Chin DP, Jones G (1988) 24-oxidation of 1,25-(OH)₂D₃ by a human osteosarcoma cell line, U-20S. In: "Vitamin D. Molecular, Cellular & Clinical Endocrinology" Eds. Norman AW et al.; de Gruyter, New York, pp 122-123.
64. Porteous C, Trafford DJH, Makin HLJ, Cunningham J, Jones G (1988) Use of mass spectrometry in the identification of in vivo and in vitro metabolites of dihydrotachysterol₃ in the rat. Biomed Environ Mass Spectrom **16**:87-92. PMID: 3242712
65. Jones G, DeLuca HF (1988) High Performance Liquid Chromatography and its Application to Endocrinology. Monogr Endocrinol **30**:95-139. PMID: 3068529
66. Theodossiou M, Kung M, Jones G, Fraser D, Kooh, SW (1988) Effects of acute carbon tetrachloride poisoning on vitamin D₃ metabolism in the rat. Can J Physiol Pharmacol **66**: 1542-1546. PMID: 2852538
67. Tam T, Strugnell S, Deeley R, Jones G (1988) 25-hydroxylation of vitamin D₃ by human liver hepatoma cell lines in vitro. J Lipid Res **29**:1637-1642. PMID: 2854152
68. Phelps KR, Einhorn TA, Vigorita VJ, Jones G, Lundin AP (1989) Persistence of dialysis osteomalacia despite treatment with 24R,25-dihydroxycholecalciferol. Nephron **51**:197-206. PMID: 2783766
69. Kooh SW, Roberts EA, Fraser D, Curtis J, Jones G, Weber JL, Reilly BJ (1989) UV irradiation therapy for hepatobiliary rickets. Arch Dis Child **64**:617-619. PMID: 2546510
70. Makin G, Lohnes D, Byford V, Ray R, Jones G (1989) Target cell metabolism of 1,25-(OH)₂D₃ to calcitroic acid: evidence for a pathway in kidney and bone involving 24-oxidation. Biochem J **262**:173-180. PMID: 2818561
71. Marx SJ, Jones G, Weinstein RS, Chrousos GP, Renquist DM (1989) Differences in Vitamin D and mineral metabolism among new world and old world primates. J Clin Endocrinol Metab **69**:1282-1290. PMID: 2555385
72. Cunningham J, Coldwell RD, Jones G, Tenenhouse HS, Trafford DJH, Makin HLJ (1990) Plasma 24,25-dihydroxyvitamin D₃ concentrations in X-linked hypophosphatemic rickets: Studies using mass fragmentographic and radioreceptor assays. J Bone Miner Res **5**:173-177. PMID: 2316405
73. Tomon M, Tenenhouse HS, Jones G (1990) 1,25-Dihydroxyvitamin D₃-inducible catabolism of vitamin D metabolites in mouse intestine. G. Amer J Physiol **258**:G557-G563. PMID: 2159220
74. Romer TE, Lorenc RS, Lukaszkiwicz J, Garabedian M, Balsan S, Jones G (1990) Effects of growth hormone stimulated catch-up growth on serum 1,25-(OH)₂D levels of growth hormone deficient patients. Endokrynologia Polska **41**:271-279.
75. Tenenhouse HS, Jones G (1990) Abnormal Regulation of Renal Vitamin D Catabolism by Dietary Phosphate in Murine X-linked hypophosphatemic Rickets. J Clin Invest **85**:1450-1455. PMID: 2332500
76. Strugnell S, Calverley MJ, Jones G (1990) Metabolism of a cyclopropane-ring-containing analog of 1 α -hydroxy vitamin D₃ in a hepatocyte cell model: Identification of 24-oxidised metabolites. Biochem Pharmacol **40**:333-341. PMID: 2375769

77. Miller BE, Chin DP, Jones G (1990) 1,25-Dihydroxyvitamin D₃ metabolism in a human osteosarcoma cell line and human bone cells. *J Bone Mineral Res* **5**:597-607. PMID: 2166423
78. Tomon M, Tenenhouse HS, Jones G. (1990) Expression of 25-hydroxyvitamin D₃-24-hydroxylase activity in CaCo-2 cells. An In Vitro model of intestinal vitamin D catabolism. *Endocrinology* **126**:2868-2875. PMID: 2351099
79. Kano, K. and Jones, G. (1991) Alternate-day prednisolone treatment does not affect serum calcium or bone loss in vitamin D-depleted young rats. *Dokkyo J. Med. Sci.* **18**:17-22.
80. Chopra RK, Anastassiades T, Stephens C, Lohnes D, Jones G (1991) Newly synthesised glycoconjugates from two cell lines derived from rat osteogenic sarcoma: Effects of "matrigenin activity" from bone. *Biochem Cell Biol* **69**:49-57. PMID: 1904248
81. Jones G, Trafford DJH, Hollis BW, Makin HLJ (1991) Chapter 2: Vitamin D: Cholecalciferol Ergocalciferol and Hydroxylated Metabolites. In "Modern Chromatographic Analysis of the Vitamins", Second Edition. Chromatographic Science Series, Vol. 30 Eds. Nelis HJ, Lambert WE, De Leenheer AP; M. Dekker, New York and Basel, pp. 73-151.
82. Yendt ER, Cohanim M, Jarzylo SV, Jones G, Rosenberg G. (1991) Bone mass is related to creatinine clearance in normal, elderly women. *J Bone Miner Res* **6**:1043-1050. PMID: 1796752
83. Simboli, M. and Jones, G. (1991) Dietary phosphate deprivation increases renal synthesis and decreases renal catabolism of 1,25-dihydroxycholecalciferol in guinea pigs. *J Nutr* **121**:1635-1642. PMID: 1765829
84. Chopra RK, Anastassiades TP, Lohnes D, Jones G (1991) Further purification and characterization of newly synthesized anionic glycoconjugates secreted by cultured UMR-106 cells: evidence that the major anionic glycoconjugates secreted by these cells is similar to bone sialoprotein II. *Biochem Cell Biol* **69**:523-530. PMID: 1760156
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137. Schroeder NJ, Makin HLJ, Dilworth FJ, Jones G, Kissmeyer A-M (1998) Characterization of in vitro metabolites of KH1060, a potent calcitriol analog, by GC-MS. Abstract for the 46th Conference on Mass Spectrometry & Allied Topics, Orlando, Florida, USA May31-June 4 1998
138. Schroeder NJ, Makin HLJ, Vince J, Masuda S, Dilworth FJ, Jones G (1998) Metabolism of 22-oxa chemical analogs of calcitriol : mass spectrometry of side-chain truncated metabolites formed in vitro. Abstract for the 46th Conference on Mass Spectrometry & Allied Topics, Orlando, Florida, USA May 31-June 4 1998
139. Jones G (1998) Recommended intake of vitamin D. In: Joint FAO/WHO Expert Consultation on Human Vitamin and Mineral requirements. Bangkok, Thailand 21-30 September (**Invited Lecture**).
140. Jones G (1998) Differences in the metabolism of D hormones. In: New Expectations for D-Hormone Therapy. A University of Wisconsin mini-symposium. American Society of Nephrology, Philadelphia PA. October 26 1998. (**Invited Lecture**).
141. Moore B, Makin HLJ, Schroeder NJ, Calverley MJ, Jones G (1998) Metabolism of Double Side-Chain Calcitriol Analogs by a human keratinocyte cell line. Bone 23 :S451, F168 (abstract)
142. Petkovich M, Ramshaw H, Zhang A, Cook R, Byford V, White J, Jones G. (1998). Expression of extra-renal 25-OH-D-1 α -hydroxylase in human non-small cell lung carcinoma lines from hypercalcemic patients. Bone 23 :S262, T255 (abstract)
143. Kovacs K, Yendt E, Lane J, Jones G (1998) Comparison of serum 25-hydroxyvitamin D responses to ingested vitamin D₂ in young versus elderly volunteers. Bone 23 :S642, SA494 (abstract).
144. Prosser D, Guo Y-D and Jones G (1999) Mutations of the mitochondrial vitamin D₃-25-hydroxylase, CYP27, cause changes in the ratio of 25- and 27-hydroxylated products. J Bone Mineral Res 14:S548, Su468 (abstract).
145. Jones G, Byford V, Guo Y-D, Knutson JC, Bishop C, Schroeder N, Makin HLJ (1999) Cultured human keratinocytes both activate & catabolize 1 α -hydroxyvitamin D₂ analogs. J Bone Mineral Res 14:S305,F475, abs.
146. Jones G (1999) The mechanism of action of vitamin D analogs (**Invited lecture**). 8th International Conference on Differentiation Therapy. Montreal, PQ October 3-6 1999.
147. Jones G (2000) An update on Vitamin D metabolism (**Invited Lecture**) as part of Eleventh Workshop on Vitamin D, Nashville, Tennessee, USA, May 27-June 1 2000.
148. Jones G (2000) Molecular Actions of Vitamin D and its Analogs (**Invited lecture**) as part of Modern Trends in Skin Pharmacology, Athens, Greece, June 8-11, 2000.
149. Demers C, Ghrab O, Theodoropoulos, Lapointe R, Jones G, Valiquette L, Menard D and Gascon-Barre M (2000) Expression of CYP27A, a gene encoding a vitamin D-25 hydroxylase in human liver and kidney, Endocrine Society 82nd Annual Meeting, Toronto, Ontario, Canada, June 21-24.
150. Jones G, Byford V, Arabian A, St-Arnaud R (2000).Altered Pharmacokinetics of 1 α ,25-(OH)₂D₃ in Blood and Tissues of the CYP24-null Mouse. (**Selected Oral program**) 22nd Annual Meeting of the American Society of Bone and Mineral Research, J Bone Mineral Research 15: abstract 1246, S199
151. Jones G, Byford V, Makin HLJ, Knutson JC, Strugnell S, Bishop CW (2000).New Vitamin D Prodrug Metabolized in Liver and Target Cells to Biologically Active Molecules. 22nd Annual Meeting of the American Society of Bone and Mineral Research, J Bone Mineral Research 15: abstract M506, S575.

152. Jones G, Byford V, Sakai Y, Demay M (2000) Dramatic Reduction of 1,25-(OH)₂D₃ Catabolism in Keratinocytes from VDR-null Mice (**Selected Oral program**) 22nd Annual Meeting of the American Society of Bone and Mineral Research, J Bone Mineral Research **15**: abstract 1172, S181
153. Jones G, Byford V, Moore B, Logsted-Nielsen J, Calverley MJ, Hansen K, Kissmeyer A-M (2000) A Novel Aromatic Vitamin D Analog is Rapidly Metabolized in Cultured Cell Lines In Vitro. 22nd Annual Meeting of the American Society of Bone and Mineral Research, J Bone Mineral Research **15**: abstract M507, S576.
154. Prosser DE, Guo Y-D, Jia Z, Jones G.(2000) Mutations at Ser404 and Val515 Drastically Alter the Ratio of In Vitro 25- and 27-Hydroxylation Products of 1 α -OH-D₃ Formed by CYP27. 22nd Annual Meeting of the American Society of Bone and Mineral Research, J Bone Mineral Research **15**: abstract SA519, S331.
155. Masuda S, Bates J, Prosser DE, Guo Y-D, Jones G (2001) LC-MS based substrate specificity studies of wildtype and mutagenized versions of vitamin D 25-hydroxylase CYP27A1. 23rd Annual Meeting of the American Society of Bone and Mineral Research, Phoenix AZ held October 12-16 2001. J Bone Mineral Research **16**: abstract SU522, S432.
156. Kaufmann M, Masuda S, Jones G (2001) LC-MS based enzyme kinetic analysis of CYP24 confirms that 1 α ,25-(OH)₂D₃ is a physiologically relevant substrate. 23rd Annual Meeting of the American Society of Bone and Mineral Research, Phoenix AZ held October 12-16 2001. J Bone Mineral Research **16**: abstract SA529, S313.
157. Jones G (2002) **Invited speaker** at “Symposium on vitamin D analogs in the prevention and therapy of cancer” held in Homburg, Saar, Germany, May3-4, 2002. Organizer: Dr J. Reichrath, Saarland University Hospital.
158. Kaufmann M, Masuda S, Chithalen J, Petkovich M and Jones G (2002). LC-MS based studies of CYP24 and CYP26A emphasize the similarities of the catabolism of 1 α ,25-(OH)₂D₃ and all-*trans* retinoic acid. “DeLuca Symposium on Vitamin D”, Taos, New Mexico, June 15-19 2002 (**Invited speaker**). (Postponed from Oct 10-12, 2001) Organiser: Dr John Omdahl, University of New Mexico, Albuquerque, NM, USA.
159. Kaufmann M, Masuda S and Jones G (2002) LC-MS-based metabolic studies of 1 α ,25-(OH)₂D₃ and 20-methyl-1 α ,25-(OH)₂D₃ reveals reduced clearance through CYP24-catalyzed C24-oxidation. 24th Annual Meeting of the American Society of Bone and Mineral Research, held in San Antonio TX September 20-24 2002. J Bone Mineral Research **17**: S394, abstract SU452.
160. Masuda, S, Arabian, A, McCaig J, Kaufmann M, Strugnell SA, Knutson JC, St-Arnaud R and Jones G.(2002) CYP24-Null Keratinocytes Demonstrate that CYP24 Is Responsible for Activation and Inactivation of 1 α (OH)D₂. 24th Annual Meeting of the American Society of Bone and Mineral Research, held in San Antonio TX September 20-24 2002. J Bone Mineral Research **17**: S396, abstract SU459.
161. Chuang SS, Zhang A, Jones G, Kahraman M, Posner GH, and Korczak B (2003) CYP24 Inhibitor CTA091 results in the enhancement of calcitriol’s effect on keratinocyte cell proliferation. Proceedings of the 12th Workshop on Vitamin D, Maastricht, Netherlands, July 6-July 10, 2003 abstract Su30, P23.
162. Makin HLJ, Masuda S, and Jones G (2003) Mass Spectrometry for quantitation and identification of vitamin D, analogs and metabolites. Proceedings of the 12th Workshop on Vitamin D, Maastricht, Netherlands, July 6-July 10, 2003 abstract Su52, P34.

163. Chuang SS, Zhang A, Jones G, Posner GH, and Korczak B (2003) A non-calcemic vitamin D analog selectively inhibits CYP24 activity and cell proliferation. Proceedings of the 12th Workshop on Vitamin D, Maastricht, Netherlands, July 6-July 10, 2003 abstract Mo30, P89.
164. Carter GD, Gunter E, Jones J, Jones G, Makin HLJ, and Sufi S (2003) Measurement of vitamin D metabolites: an international perspective on techniques and clinical interpretation. Proceedings of the 12th Workshop on Vitamin D, Maastricht, Netherlands, July 6-July 10, 2003 abstract Mo48, P98.
165. Masuda S, Byford V, Knutson JC, Strugnell S, Arabian A, St-Arnaud R and Jones G (2003) Insights into vitamin D metabolism from studies of the C24-null mouse. Proceedings of the 12th Workshop on Vitamin D, Maastricht, Netherlands, July 6-July 10, 2003 abstract We55, P152.
166. Jones G, Byford V, Kaufmann M, Gao M, Arabian A and St-Arnaud R (2003) CYP24 Overexpression and knockout systems reveal the different roles of CYP24 in 25-OH-D₃ and 1 α ,25-(OH)₂D₃ metabolism. Proceedings of the 12th Workshop on Vitamin D, Maastricht, Netherlands, July 6-July 10, 2003 abstract We51, P180.
167. Helvig C, Wisniewski J, Ramshaw H, Amad M, Gao M, Chuang S, Taimi M, Jones G, Petkovich M, White JA and Korczak B (2003) CYP2U1, a thymus and cerebellum expressed cytochrome P450 converts arachidonic acid into bioactive derivatives 19- and 20-HETE. 13th International Conference on Cytochromes P450 Biochemistry, Biophysics and Drug Metabolism, Prague, Czech Republic, June 29 - July 3, 2003
168. Kaufmann M, Masuda S, Byford V, St-Arnaud R, Arabian A and Jones G (2003) Establishing the role of CYP24 in the metabolism of natural vitamin D compounds and their synthetic analogs. American Soc Bone & Mineral Research, Minneapolis MN September 19-23, 2003. abstract
169. Jones G (2003) 11th Annual Providence Symposium on Vitamin D -2003 -Vitamin D and Drug Development, Providence Rhode Island, USA, September 24-26, 2003 (**Invited speaker**).
170. Jones G (2003) The essential role of vitamin D in “The Influence of the KDOQI Guidelines on Chronic Kidney Disease Treatment Patterns”, Chicago, IL, USA. December 12-13 2003 (**Invited Speaker**)
171. Jones G (2004) The essential roles of vitamin D in the management of Chronic Kidney Disease in Symposium on “ Treating Stage 3 and 4 CKD & the K/DOQI Bone Metabolism Guidelines” May 1, 2004 Chicago IL, USA as part of National Kidney Foundation 2004 Clinical Meetings (April 28-May 2, 2004). (**Invited Speaker**)
172. Jones G (2004) “An overview of vitamin D₃-25-hydroxylase and the potential cytochrome P450s involved.” in “Twelfth Annual Providence Symposium on Vitamin D” Sept 29-30 2004. Providence, Rhode Island, USA. (**Invited Speaker & Career Achievement Award**)
173. Jones G (2004) The essential roles of vitamin D in the management of Chronic Kidney Disease in Symposium on “ Treating Stage 3 and 4 CKD and the K/DOQI Bone Metabolism Guidelines” October 29, 2004 St Louis, MI, USA as part of American Society for Nephrology 2004 Meetings (Oct 27-Nov.1, 2004). (**Invited Speaker**).
174. Jones G (2005) **Invited Speaker** at “Stephen Z Fadem Symposium of the National Kidney Foundation of Southeast Texas” Houston, Texas USA on February 18 2005.

175. Jones G (2005) **Invited Speaker** at National Kidney Foundation Symposium “Undiagnosed secondary hyperparathyroidism in early chronic kidney disease: the essential role of D hormone and a new treatment paradigm to manage SHPT in early CKD”, Washington DC May 6 2005. Organizers: National Kidney Foundation.
176. Jones G (2005) **Invited speaker** at “2nd Symposium on vitamin D analogs in the prevention and therapy of cancer”, Lubeck, Germany, May 7-8, 2005. Organizer: Dr Jorg Reichrath, Saarland University Hospital & Presented abstract: Jones G, Byford V, Masuda S, Ibrahim G, Kaufmann M, Knutson J, Strugnell S and Mehta R. Hepatic Activation and Inactivation of Clinically-relevant vitamin D analogs and prodrugs” Anticancer Research.
177. Jones G (2005) **Invited Speaker** at Florida Society of Nephrology 37th Annual Meeting “Managing kidney patients with metabolic bone disease”. Fort Lauderdale FL. September 16-18 2005. Organizers: Florida Society of Nephrology.
178. Masuda S, Prosser DE, Kaufmann M, Guo Y-D, Thede G, Yam K, Jones G (2006) Modelling and mutagenesis studies of CYP24A1 implicate important residues in substrate recognition and catalysis. “Thirteenth Workshop on Vitamin D”, Victoria BC, Canada. April 8-12 2006. Abstract Book: Sunday Poster 61, Page 103.
179. Kaufmann M, Byford V, Jones G (2006) Vitamin D-binding Protein helps mediate the differential catabolism of $1\alpha,25\text{-(OH)}_2\text{D}_3$ and 25-OH-D_3 by CYP24 in kidney and vitamin D target cells. “Thirteenth Workshop on Vitamin D”, Victoria BC, Canada. April 8-12 2006. Abstract Book: Saturday Poster 61, Page 41.
180. Prosser D, Kaufmann M, O’Leary B, Jones G (2006) A single amino acid substitution converts human CYP24 from a 24-hydroxylase into a 23-hydroxylase which synthesizes the VDR antagonist $1,25\text{-(OH)}_2\text{D}_3\text{-26,23-lactone}$. ASBMR-sponsored meeting “Contemporary Diagnosis and Treatment of Vitamin D-related Disorders”. Washington DC USA December 4-5 2006. Poster.
181. Jones, G. (2006) **Invited Speaker:** “Measurement of 25-OH-D (RIA, HPLC, LC-MS/MS)”, ASBMR-sponsored meeting “Contemporary Diagnosis and Treatment of Vitamin D-related Disorders” held in Washington DC, USA. December 4-5 2006.
182. Jones, G. (2007) **Invited Speaker:** “The Essential Role of Vitamin D in the Pathogenesis of Secondary Hyperparathyroidism: The Importance of Classical and Non Classical Actions of Calcitriol”. University of Texas-Houston Medical Center, Houston TX, USA. April 17 2007.
183. Prosser D, Kaufmann M, O’Leary B, Byford V, Jones G (2007) **Invited Speaker:** “A single amino acid substitution the human CYP24A1 from a $25\text{-OH-D}_3\text{-24-hydroxylase}$ into a $25\text{-OH-D}_3\text{-23-hydroxylase}$ mimicking the natural orthologue found in the opossum. Fourteenth Annual Brown University Symposium on Vitamin D, Providence, Rhode Island, USA. June 22-23, 2007.
184. Jones G (2007) **Invited Speaker:** “Pharmacokinetics of Vitamin D Toxicity”, National Institutes of Health (NIH) Conference, “Vitamin D and Health in the 21st Century—An Update” Bethesda MD USA. September 5-6 2007.
185. Jones G (2007) **Invited Speaker:** “The Classical and Non-Classical Actions of Calcitriol Analogs on CKD Patients” in “Mini-Symposium on Vitamin D Health Benefits”. Annual Meeting of the National Kidney Foundation, San Francisco, USA, November 4 2007.

186. Jones G (2007) **Invited Speaker**: “An Expanding Role for Vitamin D in Chronic Kidney Disease: Classical and Non Classical Actions of Calcitriol”, Cleveland Clinic Nephrology & Hypertension Grand Rounds, Cleveland OH, USA. November 30 2007.
187. Jones G (2007) **Invited Speaker**: “Role for Vitamin D and its Analogs in Chronic Kidney Disease & Prostate Cancer Prevention”, Brookdale Hospital Urology Grand Rounds, New York, NY, USA. December 19 2007.
188. Jones G (2008) **Invited Speaker**: “Expanding Role for Vitamin D in Chronic Kidney Disease: Classical & Non Classical Actions of Calcitriol”, Vanderbilt University Medical Centre, Nephrology & Hypertension Grand Rounds, Nashville TN, USA. January 10 2008.
189. Jones G (2008) **Invited Speaker**: “Expanding Role for Vitamin D in Human Health: Classical and Non Classical Actions of Calcitriol”, Stony Brook Medical Center Medical Grand Rounds, Stony Brook NY, USA. January 16 2008.
190. Jones G (2008) **Invited Speaker**: “Expanding Role for Vitamin D in Chronic Kidney Disease: Classical and Non Classical Actions of Calcitriol”, New York University, Medical Grand Rounds, New York City, NY, USA. April 7 2008.
191. Jones G (2008) **Invited Speaker**: “Expanding Role for Vitamin D in Human Health: New Insights into an Old Story”, 2008 Utah Dietetic Association Annual Meeting, Layton UT, USA. April 17 2008.
192. Jones G (2008) **Invited Speaker**: at “3rd Symposium on Vitamin D Analogs in Cancer Prevention and Therapy” at Krefelder Hof in Krefeld, Germany. May 17-18, 2008. Organizer: Dr Jorg Reichrath, Saarland University Hospital.
193. Jones G (2008) **Invited Speaker**: “Expanding Role for Vitamin D in Chronic Kidney Disease: Classical and Non Classical Actions of Calcitriol”, Yale University, Nephrology Grand Rounds, New Haven, CT, USA. May 30 2008.
194. Jones G (2008) **Invited Speaker**: “Expanding Role for Vitamin D in Chronic Kidney Disease”, Annual Meeting of the Nephrology Society of Puerto Rico, Fajardo, Puerto Rico, USA. July 24 2008.
195. Kaufmann M, Prosser DE, O’Leary B, Byford V, Jones G (2008) 25-OH-D₃-24-hydroxylase (CYP24A1): Mutagenesis and Activity Studies Reveal Important Residues Involved in Regioselectivity and Substrate Access. American Society of Bone Mineral Research, Montreal, Canada. Abstract #702, to be presented Sept. 14 2008.
196. Prosser DE, Kaufmann M, Murchie RC, Vong K, Jones G (2008) CYP27A1 Mutations at Phe147 Confer 25-hydroxylase Activity Towards Vitamin D₂-type Side-chains. American Society of Bone Mineral Research, Montreal, Canada. Abstract #1951, to be presented September 15 2008.
197. Jones G (2008) **Invited Speaker**: “Expanding Role for Vitamin D in Chronic Kidney Disease: Classical and Non Classical Actions of Calcitriol”, as part of “Dimensions in Dialysis”. Portland, OR, USA. September 25 2008.
198. Jones G (2009) **Invited Speaker**. “What really caused the recent excitement in vitamin D? Studies of vitamin D-related cytochrome P450s”, Endocrine Scholar Lecture Series, University of Connecticut Health Science Center, April 7 2009.
199. Jones G (2009) **Invited Speaker**. 2009 National Kidney Foundation Spring Symposium. "Expanding Role for Vitamin D in Chronic Kidney Disease" Wednesday, April 23, San Antonio, Texas.

200. Jones G (2009) **Invited Speaker**. 2009 Nevada Dietetic Association. "Vitamin D: Expanding the Role for Vitamin D in Chronic Kidney Disease" Friday, April 24, Reno Nevada.
201. Jones G (2009) **Invited Speaker**: "Vitamin D metabolism and mechanisms of action – an overview" Canada-US Clinical Chemistry Annual Meetings (American Association of Clinical Chemistry and the Canadian Society of Clinical Chemistry). Chicago, USA. July 19-23 2009. **Winner: Outstanding Speaker Award by AACC**
202. Kaufmann M, Prosser DE, Jones G (2009) Designer cytochrome P450s: engineering 25-hydroxylase into CYP24A1. Presented at 14th International Vitamin D Workshop, Brugge, Belgium October 4-8 2009.
203. Carter GD, Berry JL, Gunter E, Jones G, Jones J, Makin HLJ, Suif S, Wheeler MJ (2009) Proficiency testing of 25-hydroxyvitamin D (25-OHD) Assays. Presented at 14th International Vitamin D Workshop, Brugge, Belgium October 4-8 2009.
204. Jones G, Byford V, Helvig C, Petkovich M. (2009) Differential disposition of vitamin D₂ does not involve CYP24A1. Presented at 14th International Vitamin D Workshop, Brugge, Belgium October 4-8 2009.
205. Invited Delegate: 2009 Bone Health Research Consensus Conference, CIHR Institute of MusculoSkeletal Health and Arthritis, Toronto, ON, Canada, November 9-10, 2009
206. Jones G (2009) **Invited Speaker**: "Current Knowledge of Vitamin D Metabolism and Function" presented at the Indo-US Conference on Latest Scientific Developments in Vitamin D and Health, Hyderabad, India November 13-14, 2009.
207. Jones G (2010) **Invited Speaker**: "Use of vitamin D in the management of CKD/ESRD patients" presented to Heartland Kidney Network (ESRD Network 12) in Kansas City, Missouri, January 14, 2010.
208. Jones G (2010) **Invited Speaker**: "Vitamin D Status: What to measure, How to measure and What does it mean?" Canadian Society for Clinical Chemists, Saskatoon, June 13-16 2010.
209. Jones G (2010) **Invited Speaker**: "Expanding Role for Vitamin D in Health and Disease" Medical Grand Rounds. Holy Name Medical Center, Teaneck, New Jersey. June 29 2010.
210. Jones G (2010) **Invited Speaker**: "Vitamin D Metabolism and Mechanism of Action" in symposium entitled: "Vitamin D Nutritional Status and Risk of Chronic Disease" The 12th Asian-Pacific Congress of Clinical Biochemistry, Seoul, Korea, October 3-7, 2010.
211. Kaufmann M, Prosser D, Mathew T, Jones G (2010) Fifty Mutations of 25-OH-D₃-24-hydroxylase (hCYP24A1) provide insights into its regioselectivity and substrate specificity. J Bone Mineral Res **25** (Suppl 1) MO0479, S500. **Winner: President's Poster Award, ASBMR Annual Meeting, Toronto, Canada.**
212. Jones G (2011) **Invited Speaker**: Talk: "2011 IOM Report on Dietary Reference Intakes on Calcium and Vitamin D", Health Canada, Ottawa, ON, Canada, January 18, 2011.
213. Jones G (2011) **Invited Speaker**: Talk: Café Scientifique on "Vitamin D: Hope or Hype", Organised by Canadian Institutes of Health Research, Toronto, ON, Canada, February 2, 2011.
214. Jones G (2011) **Invited Debater**: in "The Vitamin D Debate: Facts and Myths", Organised by Dr Aaron Tubman, Markin Undergraduate Student Research Program in Health and Wellness, University of Calgary, Calgary AB, Canada, February 8, 2011.

215. Jones G (2011) **Invited Speaker**: Grand Rounds: “Recent Advances in Vitamin D & the 2011 IOM Report on Dietary Reference Intakes on Calcium and Vitamin D”, Dept. Family Medicine, Queen’s U, Kingston, ON, Canada, February 15, 2011
216. Jones G (2011) **Invited Speaker**: Talk: “Biochemistry and Metabolism of Vitamin D” in symposium entitled: “Assessing Vitamin D Nutritional Status in Disease”, 21st International Congress of Clinical Chemistry and Laboratory Medicine, Berlin, Germany, May 15-19, 2011.
217. Jones G (2011) **Invited Speaker**: Talk: “New Insights into the role of CYP24A1 in vitamin D metabolism” at 4nd Symposium on Vitamin D Analogs in Cancer Prevention and Therapy” at Schlossberg-Hotel in Homburg, Germany, on May 20-21, 2011. Organizer: Dr Jorg Reichrath, Saarland University Hospital, Germany.
218. Jones G (2011) **Invited Speaker**: Talk: “Use of LC-MS/MS in Clinical and Laboratory Studies of Vitamin D Metabolism” at 4nd Symposium on Mass Spectrometry at University de Sherbrooke, Sherbrooke, Quebec on May 25, 2011. Organizer: Dr Christiane Auray-Blais, University de Sherbrooke, Sherbrooke, Quebec.
219. Jones G (2011) **Invited Speaker**: Talk: Café Scientifique on “Vitamin D: Do we really need more?” Organised by the Canadian Nutrition Society & Canadian Institutes Health Research, Guelph, ON, Canada, June 3, 2011.
220. Jones G (2011) **Invited Speaker**: 2011 Florida Dietetic Association Annual Symposium, July 17-21, 2011. Fort Lauderdale FL, USA. The IOM Recommendations for Vitamin D.
221. Jones G (2011) **Invited Speaker**: on “Vitamin D: Metabolic Defects and Clinical Consequences” at Clinical Mass Spectrometry: Basics and Applications, at Montreal PQ, Canada, September 20, 2011. Organizer: John Vukovic, Waters Canada, Mississauga, ON.
222. Jones G (2011) **Invited Speaker**: on “Advances in Vitamin D Metabolism & Measurement” at Canadian Society Endocrinology & Metabolism Annual Meeting, “Scientific Basis for Medicine” Symposium at Toronto ON Canada on October 27, 2011. Organizer: Dr David Hanley, University of Calgary, Calgary AB.
223. Jones G (2011) **Invited Speaker**: on “Cellular and molecular actions of vitamin D on cancer cells” In: Molecular Mechanisms Of Vitamin D and Cancer at American Institute for Cancer Research Annual Research Conference on Food, Nutrition, Physical Activity and Cancer at Capital Hilton Hotel, Washington DC on November 3-4 2011. Organizers: Drs Steven Clinton and Susan Mayne.
224. Schlingmann KP, Kaufmann M, Weber S, Fehrenbach H, John U, Misselwitz J, Guran T, Hoenderop JG, Bindels RJ, Prosser DE, Jones G, Konrad M. (2011) Mutations in CYP24A1 encoding Vitamin D-24-hydroxylase cause Idiopathic Infantile Hypercalcemia. American Society of Nephrology 44th Annual Meeting, Philadelphia, PA on November 8-13, 2011. Abstract. **Promoted to Oral Program.**
225. Jones G (2012) **Invited Debater**: in “The Second Vitamin D Debate”, Organised by Dr Aaron Tubman, Markin Undergraduate Student Research Program in Health and Wellness, University of Calgary, Calgary AB, Canada, February 3, 2012.
226. Jones G (2012) **Invited Speaker**: on “ Metabolism and Biomarkers of Vitamin D” In 13th Bergmeyer Conference “Vitamin D in Health & Disease” at Garmisch-Partenkirchen, Germany, March 5-7 2012.
227. Gallo S, Rodd C, Vanstone C, Agellon S, Comeau K, Jones G, L’Abbé M, Khamessan A, Sharma A, Weiler H. (2012). Vitamin D dose-response study in breast fed infants from Montréal, Canada: 400 IU/day is sufficient to

meet the plasma 25-hydroxyvitamin D threshold of 50 nmol/L but not 75nmol/L by 12 months of age. Experimental Biology, April 21-25, 2012, San Diego, CA, USA.

228. Gallo, S, Comeau K, Vanstone C, Agellon S, Jones G, L'Abbé M, Khamessian A, Sharma A, Rodd C, Weiler H (2012). A daily dosage of 800 IU of vitamin D3 enhances lumbar spine bone mineral accretion from 1 to 3 months of age in breastfed infants, but not thereafter. Canadian Nutritional Society, May 23 – 26, 2012, Vancouver, BC. **Winner Nestle Student Presentation**
229. Gallo S, Rodd C, Vanstone C, Agellon S, Comeau K, Jones G, L'Abbé M, Khamessian A, Sharma A, Weiler H (2012). Supplementation with 400 IU/day of oral vitamin D3 supports ≥ 50 nmol/L of plasma 25-hydroxy vitamin D but higher intakes are required to reach 75 nmol/L in breast fed infants. Canadian Pediatric Society, June 6-9, London, ON.
230. Gallo S, Comeau K, Vanstone C, Sharma A, Agellon S, L'Abbé M, Khamessian A, Jones G, Weiler H, Rodd C (2012). Redefining normal mineral and calcitropic hormone status in healthy infants. Clinical Chemistry, June 17-20, Quebec City, PQ.
231. Schlingmann KP, Kaufmann M, Prosser DE, Chen A, Jones G, Konrad M. (2012) 24-hydroxylase mutations in idiopathic infantile hypercalcemia. 15th Workshop on Vitamin D, June 20-22, Houston, TX, USA. **Invited Lecture as part of Oral Program**
232. Kaufmann M, Schlingmann KP, Prosser DE, Chen A, Konrad M, Jones G. (2012) In vivo, In silico and in vitro studies of human CYP24A1 identify leucine-148 as a critical residue mutated in idiopathic infantile hypercalcemia. 15th Workshop on Vitamin D, June 20-22, Houston, TX, USA.
233. Kaufmann M, Schlingmann KP, Prosser DE, Chen A, Konrad M, Jones G. (2012) Personalized vitamin D metabolism: single nucleotide polymorphism analysis reveals naturally occurring CYP24A1 variants with altered enzymatic properties. 15th Workshop on Vitamin D, June 20-22, Houston, TX, USA. **Abstract Promoted to Oral Program. Vitamin D Workshop Young Investigator Award Winne**
234. Wicklow B, Gallo S, Majnemer A, Vanstone C, Agellon S, Comeau K, Jones G, L'Abbé M, Khamessian A, Sharma A, Weiler H, Rodd C (2012). Impact of vitamin D on gross motor development: the result of a randomized dose response trial in Canada. ASBMR, October 12-15, Minneapolis, MN, USA. **Winner Poster Presentation.**
235. Walker M, Richardson H, Goss P, Jabs D, Jones G, Kaufmann M, Wactawski-Wende J, Cheung A, Winkvist E, Spadafora S, Ellard S, Hey A, Cooke A, Eisen A, Verma S, Lickley L, Tu D, Gelmon K, Meyer RM, King WD (2012) Vitamin D and mammographic density in postmenopausal women: A cohort study nested within the NCIC CTG MAP.3 chemoprevention trial. AACR Frontiers in Cancer Prevention. October 16-19, 2012. Anaheim, CA. Abstract/Poster.
236. Jones G. (2012) Vitamin D Safety: Its Mechanisms and Application. In Symposium: Vitamin D: Minimum, Maximum, Optimum. October 19-20, 2012. Warsaw, Poland. **Invited Speaker**. Abstract published in Standardy Medyczne/Pediatrica T. 9:595-604.
237. Jones G. (2012) Clinical Update on Vitamin D. In: 2012 Heart & Stroke Foundation Clinical Update Satellite Symposium. December 7 2012. Toronto, ON. **Invited Speaker**
238. Jones G (2013) Serum vitamin D metabolite assays: past, present, future. In: "Symposium on Vitamin D & Health", Association for Mass Spectrometry Applications to the Clinical Laboratory Annual Conference, San Diego, CA. February 9-13, 2013. **Invited Speaker**

239. El-Maouche D, Chong WH, Gafni RI, Jones G, Collins MT (2013) Tumor-induced osteomalacia as a model for the study of mineral metabolism. 16th Vitamin D Workshop, San Francisco, CA. June 12-14, 2013. **Oral Program.**
240. Gallagher JC, Kaufmann M, Jones G (2013) Metabolic regulation of serum 25-hydroxyvitamin D by CYP24A1 is an essential step in preventing vitamin D intoxication. Endocrine Society Annual Meeting. June 17 2013, San Francisco, CA. Abstract OR31-1. **Promoted to Oral Program.**
241. Jones G (2013) Vitamin D₂ versus Vitamin D₃: What difference does a number make? In: The Rank Prize Funds Mini-Symposium on Mechanistic Aspects and Functional Outcomes of Vitamin D. July 8-11 2013, Grasmere, Cumbria, UK. **Invited Speaker**
242. Kaufmann M, Prosser DE, Jones G (2013) The catabolism of vitamin D by CYP24A1. In: The Rank Prize Funds Mini-Symposium on Mechanistic Aspects and Functional Outcomes of Vitamin D. July 8-11 2013, Grasmere, Cumbria, UK. **Winner: Young Investigator Award**
243. Kaufmann M, Gallagher JC, Peacock M, Jones G (2013). Ratio of serum 25-OH-D₃: 24,25-(OH)₂D₃ is a novel and sensitive measure of predicting vitamin D deficiency. ASBMR Annual Meeting, Baltimore MD, October 4-7 2013
244. Jones G. (2013) The important role of cytochrome P450s in vitamin D metabolism. Distinguished Lecture Series (July 2013-June 2014), Creighton University, Omaha, NE. Oct 16, 2013. **Invited Speaker**
245. Jones G (2013) Origin and Biological Importance of 3-epi-25-OH-D₃. Vitamin D Standardization Program Meeting (NIST/ODS) Gaithersburg, MD, USA Nov 14-15, 2013. **Invited Speaker**
246. Kaufmann M, St-Arnaud R, Rodd C, Jones G (2014) Of knockout mice and men: comparison of vitamin D metabolomes in CYP24A1 knockout mice and patients with loss-of-function mutations of CYP24A1 (IIH) by LC-MS/MS. Association for Mass Spectrometry Applications to the Clinical Laboratory (MSACL) Annual Conference, San Diego, CA. March 2014. Poster Presentation.
247. Jones G, Kaufmann M, Schlingmann K-P, St-Arnaud R, Rodd C (2014) Talk: "The delicate balance of CYP27B1 and CYP24A1 in ensuring optimal 1,25-(OH)₂D₃ concentrations for human health" at 5th Symposium on Vitamin D Analogs in Cancer Prevention and Therapy" at Krefeld, Germany, on May 2-3, 2014. Organizer: Dr Jorg Reichrath, Saarland University Hospital, Germany. **Invited Speaker**
248. Rousseau-Nepton I, Kaufmann M, Jones G, Sharma AK, Rodd C (2014) The search for CYP24A1 mutations in Canadian Children: An unexpected presentation with nephrocalcinosis despite normal 1,25-(OH)₂D and serum calcium. Pediatric Academic Societies Meeting, Vancouver BC. May 2-6 2014. Poster presentation.
249. Kaufmann M, St-Arnaud R, Molin A, Kottler M-L, Jones G. (2014) Of knockout mice and men: use of LC-MS/MS to compare vitamin D metabolic profiles of Cyp27b1-null mice and patients with VDDR-type 1. 17th Vitamin D Workshop, Chicago IL, June 17-20, 2014. **Abstract promoted to the ORAL Program.**
250. Armas LAG, Byford V, Kaufmann M, Jones G. (2014) Raising 25(OH)D levels has no effect on 24,25(OH)₂D in dialysis patients. 17th Vitamin D Workshop, Chicago IL, June 17-20, 2014. Poster presentation.

251. El-Maouche D, Kaufmann M, Gafni RI, Jones G, Collins MT (2014) FGF23-Mediated Vitamin D Metabolism in Tumor-induced Osteomalacia. Endocrine Society Annual Meeting, Chicago IL, June 21-24 2014. **Abstract promoted to the ORAL Program.**
252. Jones G (2014) The utility of LC-MS/MS to vitamin D measurement in clinical and research applications. July 4 2014, Waters Corporation, Wilmslow, UK. **Invited Speaker.**
253. Anderson-Berry A, Jones G, Kaufmann M, Lyden E, Hanson C (2014) Dynamics of 3-epi-25-hydroxyvitamin D₃ in premature infants during Neonatal Intensive Care Unit Hospitalization. Annual Meeting of the American Association for Clinical Chemists, Chicago IL, July 27-31, 2014. Abstract B-234. Poster presentation.
254. Hanson C, Jones G, Kaufmann M, Lyden E, Anderson-Berry A (2014) Dynamics of 24,25-dihydroxyvitamin D₃ in premature infants during neonatal intensive care unit hospitalization. European Society for Clinical Nutrition and Metabolism, Geneva, Switzerland, Sept 5-9, 2014. **Abstract promoted to the ORAL Program.**
255. Kaufmann M, Jones G, St-Arnaud R, Rodd C, Cooper DP (2014) Of knockout mice and men: comparison of vitamin D metabolomes in CYP24A1-null mice and patients with loss-of-function mutations of CYP24A1 (IIH) by LC-MS/MS. Australasian Association of Clinical Biochemists 52nd Annual Scientific Conference, Adelaide, Australia, October 27-29 2014. Poster presentation.
256. Jones G (2014) LC-MS/MS-based assays offer new insights into vitamin D metabolism in genetic diseases and knockout mouse models, St Justine Hospital, Montreal, PQ, November 20 2014. **Invited Speaker**
257. Djekic-Ivankovic M, Weiler H, Jones G, Kaufmann M, Aleksic-Velickovic V, Mandic L, Glibetic M (2015) Vitamin D status is low in mothers with preeclampsia and their infants: a case control study from Serbia. Canadian National Perinatal Research Meeting, Montebello, PQ, Canada. February 24-27, 2015. Abstract 322.
258. Molin A, Kaufmann M, Tiulpakov A, Jones G, Kottler M-L (2015) *CYP24A1* Molecular Analysis and Simultaneous Assay of multiple vitamin D metabolites by LC-MS/MS in patients with hypercalcemia and suppressed PTH: a cohort study. Endocrine Society 97th Annual Meeting & Expo, March 5-8 2015, San Diego, CA, USA. **Abstract promoted to the ORAL Program**
259. Shah AD, Hsiao E, O' Donnell B, Salmeen K, Nussbaum R, Krebs M, Baumgartner-Parzer S, Kaufmann M, Jones G, Bikle DD, Mathew AS, Shoback D, Block-Kurbisch I (2015) Recurrent Hypercalcemia in Pregnancy in a Patient with Compound Heterozygous Mutations in CYP24A1. Endocrine Society 97th Annual Meeting & Expo, March 5-8 2015, San Diego, CA, USA. Late Breaking Abstract 22317, Poster, March 5 2015.
260. Jones G (2015) **Invited participant** in Best Brains Exchange on "Vitamin D fortification of the food supply: Are changes to the existing vitamin D policy warranted". CIHR, Health Canada & Public Health Agency of Canada-sponsored debate, Ottawa ON, March 6 2015.
261. Jones G (2015) LC-MS/MS offers new insights into vitamin D metabolism in humans and knockout animal models. American Chemical Society Annual Meeting. Agricultural and Food Division Symposium on "Vitamin D: past and future for animals and humans" Denver, CO, USA, March 22-26, 2015. **Invited Speaker**
262. Djekic-Ivankovic M, Weiler H, Jones G, Kaufmann M, Aleksic-Velickovic V, Mandic L, Glibetic M (2015) Vitamin D status is low in mothers with preeclampsia and their infants: a case control study from Serbia. Experimental Biology Annual Meeting, Boston MA, USA. March 28-April 1, 2015. Abstract 4575, Poster presentation March 29 2015.

263. Djekic-Ivankovic M, Jones G, Kaufmann M, Weiler H (2015) Plasma 3-epi-25-hydroxyvitamin D₃ in very low birth weight preterm infants in Canada during the first five weeks after birth. Experimental Biology Annual Meeting, Boston MA, USA. March 28-April 1, 2015. Abstract 6711, Poster presentation March 31 2015.
264. Jones G (2015) Vitamin D Metabolic Profiling using Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS). 18th Vitamin D Workshop, Delft, Netherlands April 21-24. **Invited Speaker**
265. Carter GD, Jones JC, Shannon J, Walker E, Jones G, Kaufmann M, Sempos CT, Wise SA, Sander L, Burdette CQ, Camara JE, Tai S. (2015) 25-Hydroxyvitamin D Assays: Potential interference from other circulating Vitamin D Metabolites. 18th Vitamin D Workshop, Delft, Netherlands April 21-24.
266. Kaufmann M, Lee S-M, Pike JW, Jones G. Changes in the Vitamin D Metabolome in a VDR-null mouse model before and after rescue with a high Ca-high lactose diet. 18th Vitamin D Workshop, Delft, Netherlands April 21-24.
267. Hanson C, Anderson-Berry A, Lyden E, Kaufmann M, Jones G. Maternal-fetal dynamics of vitamin D metabolites. 18th Vitamin D Workshop, Delft, Netherlands April 21-24.
268. Kaufmann M, Molin A, Tiulpakov A, Jones G, Kottler M-L (2015) Simultaneous Assay of multiple vitamin D metabolites by LC-MS/MS for the screening of patients with hypercalcemia and *CYP24A1* mutations. A cohort study. 18th Vitamin D Workshop, Delft, Netherlands April 21-24. **Abstract promoted to the ORAL Program**
269. Jones G (2015) 3-epi-25-OH-D₃: Its Origins and Biological Significance. Vitamin D Standardization Program. Cambridge University, Cambridge UK, June 29-30, 2015. **Invited Speaker**
270. Schlingmann KP, Ruminska J, Kaufmann M, Dursun I, Kranz B, Pronicka E, Ciara E, Akcay T, Güran T, Bulus D, Cornelissen E, Gawlik A, Sikora P, Patzer L, Galiano M, Boyadzhiev V, Dumic M, Vivante A, Anikster Y, Kleta R, Levchenko E, Bindels RJ, Rust S, Stoll M, Forster IC, Hernando N, Jones G, Wagner CA, Konrad M (2015) Recessive Mutations in SLC-34 (Na-Pi-IIa) cause Idiopathic Infantile Hypercalcemia, ESPN 48th Annual Meeting. Brussels, Belgium. September 3-5, 2015
271. Kaufmann M, Molloy BJ, Sheftel J, Cooper DP, Jones G (2015) Quantification of serum 1,25-(OH)₂D₃ by UPLC-MS/MS: Comparison of methods involving liquid-liquid extraction, immuno-extraction and chemical derivatization. MSACL 2015 EU, Salzburg, Austria, September 8-11 2015.
272. Jones G (2015) New insights into vitamin D metabolism revealed by liquid chromatography tandem mass spectrometry. Penn State University, Bortree Seminar Series, September 23 2015. **Invited speaker.**
273. Carlson AH, Kaufmann M, St Arnaud R, Jones G, Pike JW (2015) Mouse and Human Bacterial Artificial Chromosomes Encoding the *CYP24A1* Loci Rescue the Ability of *Cyp24a1* Null Mice to Catabolize 25-Hydroxyvitamin D₃ to 24,25-Dihydroxyvitamin D₃ and 25-Hydroxyvitamin D₃-26,23-Lactone. ASBMR Annual Meeting, Seattle, WA. October 9-12, 2015
274. Jones G (2015) Biomarkers of vitamin D-current state of knowledge. Vitamin D: Minimum, maximum, optimum. Warsaw, Poland, October 16-17, 2015. **Invited speaker.**
275. Ting S, El-Damanawi R, Tomkins R, Lim K, Kaufmann M, Jones G, Zehnder D, Hiemstra TF (2015) Vitamin Metabolism is Incompletely Restored after Kidney Transplantation, ASN Annual Meeting, San Diego, CA, November 3-8, 2015, Abstract not accepted.

276. Carter GD, Berry J, DurazoArvizu R, Gunter E, Jones G, Jones J, Makin HLJ, Pattni P, Phinney KW, Sempos CT, Williams EL. (2016) DEQAS: Quality assessment of vitamin D metabolite assays used by clinical and research laboratories. 19th Workshop on Vitamin D, Boston MA March 28-31, 2016.
277. Kaufmann M, Morse N, Molin A, Kottler M-L, Schlingmann K-P, Jones G (2016). Improved LC-MS/MS Assay For 24,25-(OH)₂D₃ explains the residual CYP24A1 Enzyme Activity Observed In Patients With Idiopathic Infantile Hypercalcemia (IIH). 19th Workshop on Vitamin D, Boston MA March 28-31, 2016. Poster.
278. Molin A, Feillet F, Demers N, Wiedemann A, Brennan S, Kaufmann M, Jones G, Kottler M-L (2016) Two French families with Vitamin D Dependency Rickets Type 1b harbor homozygous recessive expression of CYP2R1 mutations L99P and G42_I46del insR. 19th Workshop on Vitamin D, Boston MA March 28-31, 2016.
279. Jones G (2016) MS Society of Canada's Vitamin D and Multiple Sclerosis Expert Panel Meeting, Toronto, March 4 2016. **Invited participant**
280. Jones G, Schlingmann K-P (2016) New insights into the causes, screening tools and potential treatments for idiopathic infantile hypercalcemia. E-RARE Monitoring Meeting, Barcelona, Spain, March 8, 2016. **Invited speaker**
281. Jones G (2016) "Vitamin D update" in Management strategies for secondary hyperparathyroidism in CKD: vitamin D supplementation. National Kidney Foundation 2016 Spring Clinical Meeting, Boston, April 28 2016. **Invited speaker**
282. Jones G (2016) CYP24A1 mutations and human disease. In Symposium 14: Hot topics on vitamin D, 18th European Congress of Endocrinology, Munich, Germany, May 28-31, 2016. **Invited speaker.**
283. Jones G (2016) What can we learn from measuring 24,25-(OH)₂D₃? In Symposium: Vitamin D: Analytical and Clinical Stories. The Association for Clinical Biochemistry and Laboratory Medicine, Imperial College, London July 7 2016. **Invited speaker.**
284. Jones G (2016) Mutations of the vitamin D catabolic cytochrome P450, CYP24A1: Kidney stones in knockout mice and men. Ottawa Hospital Research Institute, July 11 2016. **Invited Speaker.**
285. Kaufmann M, Arabian A, Conrad P, Vig M, Berezin L, St-Arnaud R, Jones G (2017) Opposumouse (A326G), Hypercalcimouse (R396W) and Anabolimouse (V391L): Insights into in vivo metabolism of vitamin D using knock-in models of CYP24A1 variants. 20th Workshop on Vitamin D, Orlando FL. March 27-31, 2017. **Abstract promoted to the ORAL Program.**
286. Meyer MB, Benkusky NA, Lee SM, Onai M, Kaufmann M, Jones G, Pike JW (2017) Identification of the genomic & homeostatic circuitry controlling CYP27B1 in vivo. 20th Workshop on Vitamin D, Orlando FL. March 27-31, 2017. **Abstract promoted to the ORAL Program**
287. Pike JW, Carlson A, Benkusky NA, Lee SM, Jones G, Kaufmann M and Meyer MB (2017) Differential enhancer-mediated regulation of *CYP24A1* in the kidney and non-renal target cells in vivo. 20th Workshop on Vitamin D, Orlando FL. March 27-31, 2017. **Abstract promoted to the ORAL Program**
288. Jones G (2017) The discovery and synthesis of the nutritional factor, vitamin D. In the Symposium: "Vitamin D Deficiency: New Perspectives Under Past Light" at the Annual Meeting of the International Society of Paleopathology, New Orleans, LA, April 19 2017. **Invited Speaker.**
289. Jones G (2017) Workshop on "The Role of Vitamin D in Stage 3-4 CKD". Atlanta, GA May 18-19 2017. **Invited Participant.**

290. Jones G (2017) Assay of other vitamin D metabolites. In: 1st International Conference on Controversies in Vitamin D. Pisa, Italy. Organisers: Bilezikian J, Giustina A. June 14-16 2017. **Invited Speaker.**
291. Jones G (2017) When prolonged vitamin D intake confers a risk for health. In: Third International Conference “Vitamin D - Minimum, Maximum, Optimum” EVIDAS 2017. Warsaw, Poland. September 22-23 2017. **Invited Speaker.**
292. Jones G (2017) Ratio of 25(OH)D to 24,25(OH)₂D₃ and its use in clinical medicine. In: Vitamin D Standardization Program (VDSP) The Road Ahead. Rockville, Maryland, November 28-30 2017. **Invited Speaker.**
293. Jones G (2017) 3-Epi-25-OH-D₃: Origins and Biological Importance. In: Vitamin D Standardization Program (VDSP) The Road Ahead. Rockville, Maryland, November 28-30 2017. **Invited Speaker.**
294. Razaghi M, Vanstone CA, Agellon S, Kimmins S, Wei S, McNally D, Rauch F, Jones G, Weiler HA. (2018) Low newborn vitamin D status is associated with lower lean mass at 6 mo of age despite infant vitamin D supplementation. Canadian Nutrition Soc. Annual Conf., Halifax, NS May 3-5 2018. Abstract submitted.
295. Sotunde O, Vanstone CA, Lavery P, Farahnak Z, Razaghi M, Gharibeh N, Shero N, Albuayjan N, Patel S, Wei S, Kaufmann M, Jones G, Weiler H. (2018) Rise in serum 3-epi-25-hydroxyvitamin D₃ is associated with weight velocity in early infancy. Amer Soc Nutrition, Boston MA. June 9-12, 2018. Abstract submitted.
296. Jones G (2018) Genetic Disorders of Vitamin D Metabolism. In: “Symposium on Vitamin D” organized by DeLuca HF. Amer Soc Nutrition, Boston MA. June 12, 2018. **Invited Speaker.**
297. Jones G (2018) Threshold for Defining Vitamin D Excess. In: 2nd International Conference on Controversies in Vitamin D. Monteriggioni, Italy. Organisers: Bilezikian J, Giustina A. September 11-14 2018. **Invited Speaker.**