

## Curriculum – Vitae

- 1. Name:** Sanjay K Bhadada
- First                      Middle                      Last
- 2. Profession:** Endocrinologist
- 3. Education:** MBBS, Rajasthan University, 1992  
MD (General Medicine), Rajasthan University, 1996  
DM (Endocrinology), BHU, Varanasi, 2001  
MNAMS, FICP, FRCPI
- 4. Nationality:** Indian
- 6. Employment Record:**

Position Held	Place	From to From
Service Senior Resident in Endocrine Department	PGIMER, Chandigarh	1 <sup>st</sup> Nov. 1997 to 31 <sup>st</sup> Dec. 1998
Service Senior Resident in Endocrine Department	SGPGI, Lucknow	1 <sup>st</sup> Jan. 1999 to 28 <sup>th</sup> Feb. 1999
Senior Resident (DM Course)	I.M.S., B.H.U., Varanasi	1 <sup>st</sup> Feb. 1999 to 28 <sup>th</sup> Feb. 2001
Post-D.M. Senior Resident	I.M.S., B.H.U., Varanasi	1 <sup>st</sup> March 2001 to 30 <sup>th</sup> Sept 2001
Senior Lecturer Endocrinology	GMCH Chandigarh	1 <sup>st</sup> Oct. 2001 to 31 <sup>th</sup> Oct 2002
Assistant Professor Deptt of Endocrinology	PGIMER, Chandigarh	1 <sup>st</sup> Oct 2002 to 30 <sup>th</sup> June 2009
Associate Professor Deptt of Endocrinology	PGIMER, Chandigarh	1 <sup>st</sup> July 2009 to 30 <sup>th</sup> June 2012
Additional Professor Deptt of Endocrinology	PGIMER, Chandigarh	1 <sup>st</sup> July 2012 to 30 <sup>th</sup> June 2016
Professor Deptt of Endocrinology	PGIMER, Chandigarh	1 <sup>st</sup> July 2016 to 31 <sup>st</sup> Oct. 2020
<b>Professor &amp; Head</b> Deptt of Endocrinology	PGIMER, Chandigarh	1 <sup>st</sup> Nov. 2020 to till date

## 7. Number of Grants/ Research Projects:

### A. International Grants:

**Principal Investigator of Project** Mapping the inflammation and epigenetics landscape of gestational Diabetes mellitus in Indian mothers and their babies

### B. National Extramural:

1. **Principal Investigator of ICMR Project** To identify COVID-19 perturbed genes and immune-repertoire networks in diabetes and obesity-associated severe infections
2. **Principal Investigator of DHR Project** To study the ultra and molecular changes in bone of T2DM and propose preventive and treatment strategy to overcome fragility fracture based on assessment of bone quality and quantity, mechanical properties, remodelling indices as well as genomic data in T2DM. (File number : GIA/2019/000111/PRCGIA).
3. **Principal Investigator of ICMR Project** Evaluation of polycomb repressive complex 2 PRC 2 target genes as potential epigenetic regulators of sporadic primary hyperparathyroidism.
4. **Principal Investigator of ICMR Task force Project** Penetrance of susceptibility and protective genes in familiar clustering of Type 1 diabetes and it's coassociation with celiac disease. (From July 2019- July 2021)
5. **Principal Investigator of ICMR Project** Development of Nano-enabled Teriparatide-Loaded Pharmaceutical Product for Osteoporosis: An approach to reduce the dose frequency with better patient compliance therapeutic efficacy **Project ID 2018-1097.**
6. **Principal Investigator of DST-SERB Project** Identification of Potential Epigenetic Biomarkers for Detection and Diagnosis of Primary Hyperparathyroidism (File number : EMR/2016/005956)
7. **Principal Investigator of ICMR Project ”** A life style intervention program for the prevention of type-2 diabetes mellitus among South Asian women with gestational mellitus” (ICMR/2016/)

#### **Intramural**

1. **Principal Investigator of PGIMER Project** “To study the role of Androgens in pathogenesis and molecular mechanism of osteoporosis in obese men” (No.71/2-Edu-16).

#### **8. List of Publications (last 5 years):**

##### **International:**

1. Mittal N, **Bhadada SK**.PIONEER PLUS: An opportunity knocking the door for the management of diabetes. Diabetes Technol Ther. **2023 . doi: 10.1089/dia.2023.0176.**
2. Whyte MP, McAlister WH, Dhiman V, Gopinathan NR, **Bhadada SK**.Drug-induced osteopetrosis. **Bone. 2023;173:116788. doi: 10.1016/j.bone.2023.116788.**
3. Pal R, Prasad TN, **Bhadada SK**.Bone fragility in type 2 diabetes mellitus: a lot left to explore.**Nat Rev Endocrinol. 2022;18:651.**
4. Pal R, **Bhadada SK**.Comment on "Rebound hypercalcemia post-denosumab cessation in metastatic breast cancer": Waxing-Waning Serum Calcium following Denosumab use in a patient with Polyostotic Paget's Disease of Bone.**Osteoporos Int. 2022;33:2227-2228.**
5. Pal R, Jignesh SR, Sanyasi S, Lohani S, Dahiya D, **Bhadada SK**.Revisiting Captain Charles Martell: witnessing the true face of primary hyperparathyroidism even in the twenty-first century.**Arch Osteoporos. 2022; 22:17:148**

6. Das L, **Bhadada SK**. COVID-19-associated new-onset hyperglycaemia: a reversible entity or persistent risk? **Postgrad Med J.** 2022;**98**(e2):e125-e126.
7. Banerjee M, Pal R, Bhadada SK. Intercepting the deadly trinity of mucormycosis, diabetes and COVID-19 in India. **Postgrad Med J.** 2022;**98**:e108-e109.
8. Pal R, Joshi A, Bhadada SK, Banerjee M, Vaikkakara S, Mukhopadhyay S. Endocrine Follow-up During Post-Acute COVID-19: Practical Recommendations Based on Available Clinical Evidence. **Endocr Pract.** 2022;**28**:425-432.
9. Kumari P, Arya AK, Pal R, Sood A, Dahiya D, Mukherjee S, Rastogi A, Bhadada SK. Comparison of Profile of Primary Hyperparathyroidism With and Without Type 2 Diabetes Mellitus: Retrospective Analysis From the Indian Primary Hyperparathyroidism Registry. **Endocr Pract.** 2022 ;**28**:96-101.
10. Das L, **Bhadada SK**, Sood A Post-COVID-vaccine autoimmune/inflammatory syndrome in response to adjuvants (ASIA syndrome) manifesting as subacute thyroiditis. **J Endocrinol Invest.** 2022 ;**45**:465-467.
11. Das L, **Bhadada SK**, Arvindbhai SM, Dahiya D, Behera A, Dutta P, Bhansali A, Sood A, Singh P, Prakash M, Kumari P, Rao SD Baseline renal dysfunction determines mortality following parathyroidectomy in primary hyperparathyroidism: analysis of Indian PHPT registry. **J Bone Miner Metab.** 2022;**40**:81-91
12. Gautam A, Rastogi A, **Bhadada SK**. Acta Endocrinol (Buchar). Giant mediastinal parathyroid adenomas and multiple endocrine neoplasia type 1: a diagnostic conundrum. 2022 Jan-Mar;**18**(1):118-123.
13. Agrawal K, Walia R, Singh Jayant S, Das L, Chaudhary S, Suri V, **Bhadada SK**. J Pheochromocytoma in Pregnancy: A Syndromic Association. *Obstet Gynaecol India.* 2022.
14. Kaur G, **Bhadada SK**, Santra M, Pal R, Sarma P, Sachdeva N, Dhiman V, Dahiya D, Saikia UN, Chakraborty A, Sood A, Prakash M, Behera A, Rao SD. Multi-level annotation of germline MEN1 variants of synonymous, non-synonymous and uncertain significance in Indian patients with sporadic primary hyperparathyroidism. **J Bone Miner Res.** 2022.
15. Chaudhary S, Walia R, Bhansali A, Dayal D, Sachdeva N, Singh T, **Bhadada SK**. Unravelling a novel, promising and convenient tool for differential diagnosis of delayed puberty: GnRH-stimulated inhibin B (GnRH-iB). *J Endocrinol Invest.* 2022 Jul 16.
16. Pal R, **Bhadada SK**. Comment on "Rebound hypercalcemia post-denosumab cessation in metastatic breast cancer": Waxing-Waning Serum Calcium following Denosumab use in a patient with Polyostotic Paget's Disease of Bone. *Osteoporos Int.* 2022.
17. Bhatia R, Sharma S, **Bhadada SK**, Bishnoi M, Kondepudi KK. Lactic Acid Bacterial Supplementation Ameliorated the Lipopolysaccharide-Induced Gut Inflammation and Dysbiosis in Mice. **Front Microbiol.** 2022;**13**:930928.
18. Abuji K, Dahiya D, Sood A, Parmar M, **Bhadada SK**, Vijayvergiya R, Behera A. Impact of curative parathyroidectomy on left ventricular functions assessed with 2D ECHO and MUGA study. **Turk J Surg.** 2021;**37**:336-341
19. Pal R, Prasad TN, **Bhadada SK**. Bone fragility in type 2 diabetes mellitus: a lot left to explore. **Nat Rev Endocrinol.** 2022
20. Yadav RN, Sihota P, Neradi D, Bose JC, Dhiman V, Karn S, Sharma S, Aggarwal S, Goni VG, **Bhadada SK**, Kumar N Effects of type 2 diabetes on the viscoelastic behavior of human trabecular bone. **Med Eng Phys.** 2022 Jun;**104**:103810.
21. Pal R, **Bhadada SK**. Glycemic control in youth-onset type 2 diabetes: Predicting the tomorrow based on lessons learnt from TODAY. **J Clin Endocrinol Metab.** 2022.
22. Gupta R, Walia R, Ahuja C, Dutta A, **Bhadada SK**, Bhansali A, Chhabra R, Singh A, Dhandapani S. Limited Invasive Protocol: Optimizing Diagnostic Modalities in Corticotropin Mediated Cushing Syndrome. **Endocr Pract.** 2022.
23. Das L, Singh U, Malhotra B, **Bhadada SK**, Rastogi P, Singh P, Dutta P, Tadepalli S. Thyroid eye disease with concurrent orbital lymphoma: a radiological surprise. **Endocrinol Diabetes Metab Case Rep.** 2022;**21**-0109.
24. Sharma S, Singh S, Chaudhary V, Mantri S, Chander A, Maurya R, Rajarammohan S, Singh RP, Rishi P, Bishnoi M, **Bhadada SK**, Kondepudi KK. Isomaltooligosaccharides utilization and

- genomic characterization of human infant anti-inflammatory *Bifidobacterium longum* and *Bifidobacterium breve* strains. **Biotech.** **2022**;**12**:89.
25. Jayant SS, Gupta R, Rastogi A, Agrawal K, Sachdeva N, Ram S, Dutta P, **Bhadada SK**, Bhansali A. Abdominal obesity and incident cardio-metabolic disorders in Asian-Indians: A 10-years prospective cohort study. **Diabetes Metab Syndr.** **2022**;**16**:102418.
  26. Singh P, **Bhadada SK**, Arya AK, Saikia UN, Sachdeva N, Dahiya D, Kaur J, Brandi ML, Rao SD. Aberrant Epigenetic Alteration of PAX1 Expression Contributes to Parathyroid Tumorigenesis. **J Clin Endocrinol Metab.** **2022**;**107**:e783-e792.
  27. Das L, **Bhadada SK**, Arvindbhai SM, Dahiya D, Behera A, Dutta P, Bhansali A, Sood A, Singh P, Prakash M, Kumari P, Rao SD. Baseline renal dysfunction determines mortality following parathyroidectomy in primary hyperparathyroidism: analysis of Indian PHPT registry. **J Bone Miner Metab.** **2022**;**40**:81-91.
  28. Das L, **Bhadada SK**, Sood A. Post-COVID-vaccine autoimmune/inflammatory syndrome in response to adjuvants (ASIA syndrome) manifesting as subacute thyroiditis. **J Endocrinol Invest.** **2022 Feb**;**45**(2):465-467.
  29. Kundu J, Verma A, Verma I, **Bhadada SK**, Sharma S. Corrigendum to (Molecular mechanism of interaction of *Mycobacterium tuberculosis* with host macrophages under high glucose conditions). **Biochem Biophys Rep.** **2021**;**27**:101010.
  30. Kaur J, Sharma G, Mahajan A, Katare OP, **Bhadada SK**, Ghoshal G. Role of *Cissus quadrangularis* in the Management of Osteoporosis: An Overview. **Crit Rev Ther Drug Carrier Syst.** **2021**;**38**:27-51
  31. Gupta R, Kesavadev J, Krishnan G, Agarwal S, Saboo B, Shah M, Mittal A, Durani S, Luthra A, Singhal A, Rasheed M, Rao GVS, Tripathi V, Jha A, Ghosh A, Mohan V, Singh AK, Phatak S, Panicker J, **Bhadada SK**, Joshi S, Pal R, Mithal A, Vikram N, Misra A. COVID-19 associated mucormycosis: A Descriptive Multisite Study from India. **Diabetes Metab Syndr.** **2021**;**15**:102322.
  32. Khare P, Mahajan N, Singh DP, Kumar V, Kumar V, Mangal P, Boparai RK, Gesing A, **Bhadada SK**, Sharma SS, Kondepudi K, Chopra K, Bishnoi M. Allicin, a dietary trpa1 agonist, prevents high fat diet-induced dysregulation of gut hormones and associated complications. **Food Funct.** **2021**;**12**:11526-11536.
  33. Garg NK, Tandel N, **Bhadada SK**, Tyagi RK. Nanostructured Lipid Carrier-Mediated Transdermal Delivery of Aceclofenac Hydrogel Present an Effective Therapeutic Approach for Inflammatory Diseases. **Front Pharmacol.** **2021**;**12**:713616.
  34. Sihota P, Pal R, Yadav RN, Neradi D, Karn S, Goni VG, Sharma S, Mehandia V, **Bhadada SK**, Kumar N, Rao SD. Can fingernail quality predict bone damage in Type 2 diabetes mellitus? a pilot study. **PLoS One.** **2021**;**16**:e0257955.
  35. Kumari P, Arya AK, Pal R, Sood A, Dahiya D, Mukherjee S, Rastogi A, **Bhadada SK**. Comparison of Profile of Primary Hyperparathyroidism With and Without Type 2 Diabetes Mellitus: Retrospective Analysis From the Indian Primary Hyperparathyroidism Registry. **Endocr Pract.** **2021**
  36. Das L, **Bhadada SK**, Sood A. Post-COVID-vaccine autoimmune/inflammatory syndrome in response to adjuvants (ASIA syndrome) manifesting as subacute thyroiditis. **J Endocrinol Invest.** **2021** ;**28**:1-3.
  37. Kumar A, Rattan V, Rai S, Jolly SS, Popat SP, **Bhadada SK**. Fungal Necrotizing Fasciitis of Craniofacial Region: A Diagnostic Challenge. **J Maxillofac Oral Surg.** **2021**;**20**:589-593.
  38. **Bhadada SK**, Chadha M, Sriram U, Pal R, Paul TV, Khadgawat R, Joshi A, Bansal B, Kapoor N, Aggarwal A, Garg MK, Tandon N, Gupta S, Kotwal N, Mahadevan S, Mukhopadhyay S, Mukherjee S, Kukreja SC, Rao SD, Mithal A. The Indian Society for Bone and Mineral Research (ISBMR) position statement for the diagnosis and treatment of osteoporosis in adults. **Arch Osteoporos.** **2021**;**16**(1):102.
  39. Pal R, Banerjee M, **Bhadada SK**, Shetty AJ, Singh B, Vyas A. Vitamin D supplementation and clinical outcomes in COVID-19: a systematic review and meta-analysis. **J Endocrinol Invest.** **2021** :1-16.

40. Banerjee M, Pal R, **Bhadada SK**. Intercepting the deadly trinity of mucormycosis, diabetes and COVID-19 in India. **Postgrad Med J. 2021 Jun 8;postgradmedj-2021-140537.**
41. Pal R, **Bhadada SK**, Mukherjee S, Banerjee M, Kumar A. Fracture risk in hypoparathyroidism: a systematic review and meta-analysis. **Osteoporos Int. 2021;32:2145-2153.**
42. Pal R, **Bhadada SK**, Misra A. Resurgence of COVID-19 and diabetes in India. **Diabetes Metab Syndr. 2021;15:1037-1038**
43. Arya AK, **Bhadada SK**, Kumari P, Agrawal K, Mukhopadhyay S, Sarma D, Rao SD. Differences in Primary Hyperparathyroidism Between Pre- and Postmenopausal Women in India. **Endocr Pract. 2021;27:710-715**
44. Singh P, **Bhadada SK**, Arya AK, Saikia UN, Sachdeva N, Dahiya D, Kaur J, Brandi ML, Rao SD. Aberrant epigenetic alteration of PAX1 expression contributes to parathyroid tumorigenesis. **J Clin Endocrinol Metab. 2021;dgab626. doi: 10.1210/clinem/dgab626.**
45. Das L, **Bhadada SK**, Arvindbhai SM, Dahiya D, Behera A, Dutta P, Bhansali A, Sood A, Singh P, Prakash M, Kumari P, Rao SD. Baseline renal dysfunction determines mortality following parathyroidectomy in primary hyperparathyroidism: analysis of Indian PHPT registry. **J Bone Miner Metab. 2021. doi: 10.1007/s00774-021-01256-9.**
46. Kaur J, Sharma G, Mahajan A, Katare OP, **Bhadada SK**, Ghoshal G. Role of Cissus quadrangularis in the Management of Osteoporosis: An Overview. **Crit Rev Ther Drug Carrier Syst. 2021;38(5):27-51.**
47. Das L, **Bhadada SK**. COVID-19-associated new-onset hyperglycaemia: a reversible entity or persistent risk? **Postgrad Med J. 2021;postgradmedj-2021-140807.**
48. Chatterjee D, Bardia A, Pal R, Saikia UN, **Bhadada SK**, Radotra BD. Clinical, morphological and immunohistochemical analysis of 13 cases of phosphaturic mesenchymal tumor - A holistic diagnostic approach. **Ann Diagn Pathol. 2021;54:151783.**
49. Das L, Dutta P, Walia R, Mukherjee S, Suri V, Puri GD, Mahajan V, Malhotra P, Chaudhary S, Gupta R, Jayant SS, Agrawal K, Kumar V, Sachdeva N, Rastogi A, **Bhadada SK**, Ram S, Bhansali A. Spectrum of Endocrine Dysfunction and Association With Disease Severity in Patients With COVID-19: Insights From a Cross-Sectional, Observational Study. **Front Endocrinol (Lausanne). 2021;12:645787. doi: 10.3389/fendo.2021.645787.**
50. Bhadada SK, Chadha M, Sriram U, Pal R, Paul TV, Khadgawat R, Joshi A, Bansal B, Kapoor N, Aggarwal A, Garg MK, Tandon N, Gupta S, Kotwal N, Mahadevan S, Mukhopadhyay S, Mukherjee S, Kukreja SC, Rao SD, Mithal A. The Indian Society for Bone and Mineral Research (ISBMR) position statement for the diagnosis and treatment of osteoporosis in adults. **Arch Osteoporos. 2021;16:102.**
51. Pal R, Banerjee M, **Bhadada SK**, Shetty AJ, Singh B, Vyas A. Vitamin D supplementation and clinical outcomes in COVID-19: a systematic review and meta-analysis. **J Endocrinol Invest. 2021. doi: 10.1007/s40618-021-01614-4.**
52. Yadav RN, Uniyal P, Sihota P, Kumar S, Dhiman V, Goni VG, Sahni D, **Bhadada SK**, Kumar N. Effect of ageing on microstructure and fracture behavior of cortical bone as determined by experiment and Extended Finite Element Method (XFEM). **Med Eng Phys. 2021;93:100-112. doi: 10.1016/j.medengphy.2021.05.021.**
53. Pal R, Singh B, **Bhadada SK**, Banerjee M, Bhogal RS, Hage N, Kumar A. COVID-19-associated mucormycosis: An updated systematic review of literature. **Mycoses. 2021 doi: 10.1111/myc.13338.**
54. Krishnaraju VS, Saikia UN, **Bhadada SK**, Mittal BR, Sood A, Singh P, Dahiya D, Kumari P. Cystic Parathyroid Adenomas: An Enigmatic Entity and Role of Tc-99 m Sestamibi Scintigraphy. **Endocr Pract. 2021; 27:614-620.**
55. Banerjee M, Pal R, **Bhadada SK**. Intercepting the deadly trinity of mucormycosis, diabetes and COVID-19 in India. **Postgrad Med J. 2021**
56. Singh P, Bhadada SK, Dahiya D, Saikia UN, Arya AK, Sachdeva N, Kaur J, Behera A, Brandi ML, Rao SD. GCM2 Silencing in Parathyroid Adenoma is associated with Promoter Hypermethylation and Gain of Methylation on Histone 3. **J Clin Endocrinol Metab. 2021.**

57. Dutta A, **Bhadada SK**, Walia R. Anabolic Window-Like Phenomenon After Biochemical Remission in Cushing's Syndrome: Does Surge in Bone Turnover Markers Correlate With Improved Bone Mineral Density? **J Bone Miner Res.** 2021. doi: 10.1002/jbmr.4337.
58. Pal R, **Bhadada SK**, Mukherjee S, Banerjee M, Kumar A. Fracture risk in hypoparathyroidism: a systematic review and meta-analysis. **Osteoporos Int.** 2021. doi: 10.1007/s00198-021-05966-8.
59. Chaudhary S, Walia R, Bhansali A, Dayal D, Sachdeva N, Singh T, **Bhadada SK**. FSH stimulated inhibin B (FSH-iB): A novel marker for the accurate prediction of pubertal outcome in delayed puberty. **J Clin Endocrinol Metab.** 2021;dgab357. doi: 10.1210/clinem/dgab357.
60. Pal R, **Bhadada SK**, Misra A. Resurgence of COVID-19 and diabetes in India. **Diabetes Metab Syndr.** 2021;15:1037-1038.
61. Kundu J, Verma A, Verma I, **Bhadada SK**, Sharma S. Molecular mechanism of interaction of Mycobacterium tuberculosis with host macrophages under high glucose conditions. **Biochem Biophys Rep.** 2021;26:100997.
62. Pal R, **Bhadada SK**. Bone health in diabetes: Indian perspective. **Curr Opin Endocrinol Diabetes Obes.** 2021 doi: 10.1097/MED.0000000000000640.
63. Pal R, **Bhadada SK**, Aggarwal A, Singh T. The prevalence of sarcopenic obesity in community-dwelling healthy Indian adults - The Sarcopenic Obesity-Chandigarh Urban Bone Epidemiological Study (SO-CUBES). **Osteoporos Sarcopenia.** 2021;7:24-29.
64. Walia R, Dutta A, Gupta N, Bhansali A, Pivonello R, Ahuja CK, Dhandapani S, Dutta P, **Bhadada SK**, Simeoli C, Hajela A, Sachdeva N, Saikia UN. Etiology-, Sex-, and Tumor Size-Based Differences in Adrenocorticotropin-Dependent Cushing Syndrome. **Endocr Pract.** 2021;27:471-477.
65. Pal R, Banerjee M, **Bhadada SK**. Glycaemic efficacy and safety of mealtime faster-acting insulin aspart administered by injection as compared to insulin aspart in people with diabetes mellitus: A meta-analysis of randomized controlled trials. **Diabet Med.** 2021 Mar;38(3):e14515
66. Pal R, Banerjee M, Mukherjee S, Bhogal RS, Kaur A, **Bhadada SK**. Dipeptidyl peptidase-4 inhibitor use and mortality in COVID-19 patients with diabetes mellitus: an updated systematic review and meta-analysis. **Ther Adv Endocrinol Metab.** 2021 Feb 20;12:2042018821996482.
67. Arya AK, **Bhadada SK**, Kumari P, Agrawal K, Mukhopadhyay S, Sarma D, Rao SD. Differences in Primary Hyperparathyroidism Between Pre- and Postmenopausal Women in India. **Endocr Pract.** 2020 Dec 29:S1530-891X(20)48455-1.
68. Pal R, **Bhadada SK**, Misra A. COVID-19 vaccination in patients with diabetes mellitus: Current concepts, uncertainties and challenges. **Diabetes Metab Syndr.** 2021 Feb 25;15(2):505-508.
69. Malik A, Saha S, Morya RK, **Bhadada SK**, Rana SV. Impact of serotonin transporter gene polymorphism on gut motility in patients with type 2 Diabetes mellitus. **J Neurogastroenterol Motil.** 2021 Feb 2. doi: 10.5056/jnm20211.
70. Mukherjee S, Arya AK, **Bhadada SK**, Saikia UN, Sood A, Dahiya D, Behera A. Parathyroid Carcinoma: An experience from 'Indian PHPT Registry'. **Endocr Pract.** 2021 Jan 27:S1530-891X(21)00020-3.
71. Aggarwal A, Ram S, Garg A, Pal R, Bhansali A, Singh P, Sharma S, Thakur JS, Sachdeva N, **Bhadada SK**. Metabolic Bone Profile of Healthy Adult North Indian Population from Chandigarh Urban Bone Epidemiological Study (CUBES). **Indian J Clin Biochem.** 2021 Jan;36(1):67-73.
72. Chandran M, Mitchell PJ, Amphansap T, **Bhadada SK**, Chadha M, Chan DC, Chung YS, Ebeling P, Gilchrist N, Habib Khan A, Halbout P, Hew FL, Lan HT, Lau TC, Lee JK, Lekamwasam S, Lyubomirsky G, Mercado-Asis LB, Mithal A, Nguyen TV, Pandey D, Reid IR, Suzuki A, Chit TT, Tiu KL, Valleenukul T, Yung CK, Zhao YL; Asia Pacific Consortium on Osteoporosis (APCO). Development of the Asia Pacific Consortium on Osteoporosis (APCO) Framework: clinical standards of care for the screening, diagnosis, and management of osteoporosis in the Asia-Pacific region. **Osteoporos Int.** 2021 Jan 27.
73. Pal R, Ram S, Zohmangaihi D, Biswas I, Suri V, Yaddanapudi LN, Malhotra P, Soni SL, Puri GD, Bhalla A, **Bhadada SK**. High Prevalence of Hypocalcemia in Non-severe COVID-19 Patients: A Retrospective Case-Control Study. **Front Med (Lausanne).** 2021 Jan 7;7:590805.

74. Aggarwal A, Pal R, **Bhadada SK**, Ram S, Garg A, Bhansali A, Singh P, Thakur JS, Singh T, Sachdeva N, Rao SD Bone mineral density in healthy adult Indian population: the Chandigarh Urban Bone Epidemiological Study (CUBES). **Arch Osteoporos.** 2021 Jan 21;16(1):17.
75. Sihota P, Yadav RN, Dhaliwal R, Bose JC, Dhiman V, Neradi D, Karn S, Sharma S, Aggarwal S, Goni VG, Mehandia V, Vashishth D, Bhadada SK, Kumar N Investigation of mechanical, material and compositional determinants of human trabecular bone quality in type 2 diabetes..J Clin Endocrinol Metab. 2021 Jan 21;dgab027. doi: 10.1210/clinem/dgab027.
76. Dutta A, Gupta N, Walia R, Bhansali A, Dutta P, Bhadada SK, Pivonello R, Ahuja CK, Dhandapani S, Hajela A, Simeoli C, Sachdeva N, Saikia UN. Remission in Cushing's disease is predicted by cortisol burden and its withdrawal following pituitary surgery. J Endocrinol Invest. 2021 Jan 16. doi: 10.1007/s40618-020-01495-z.
77. Pal R, Aggarwal A, Sachdeva N, Ram S, Garg A, Bhansali A, **Bhadada SK** Age- and sex-specific concentrations of bone remodeling markers in healthy Indian adults with and without vitamin D deficiency. **Arch Osteoporos.** 2021 Jan 7;16(1):10
78. Pal R, Sachdeva N, Mukherjee S, Suri V, Zohmangaihi D, Ram S, Puri GD, Bhalla A, Soni SL, Pandey N, Bhansali A, **Bhadada SK**. Impaired anti-SARS-CoV-2 antibody response in non-severe COVID-19 patients with diabetes mellitus: A preliminary report. **Diabetes Metab Syndr.** 2021 Jan-Feb;15(1):193-196.
79. Singh V, Singh A, **Bhadada SK**, Nada R Isolated dural metastasis of follicular carcinoma of the thyroid presenting as scalp swelling. **J Cancer Res Ther.** 2020 Dec;16(Supplement):S248-S249.
80. Pal R, Gautam A, **Bhadada SK**. Role of Bisphosphonates in The Prevention of Postoperative Hungry Bone Syndrome in Primary Hyperparathyroidism: A Meta-Analysis and Need for Randomized Controlled Trials. **Drug Res (Stuttg).** 2021 Feb;71(2):108-109.
81. Kundu J, Bakshi S, Joshi H, **Bhadada SK**, Verma I, Sharma S. Proteomic profiling of peripheral blood mononuclear cells isolated from patients with tuberculosis and diabetes copathogenesis - A pilot study. **PLoS One.** 2020 Nov 6;15(11):e0233326.
82. Malik A, Saha S, Morya RK, **Bhadada SK**, Singh PK, Rana SV. Angiotensin-Converting Enzyme Gene Polymorphism Influences Gastrointestinal Motility in Type 2 Diabetes Mellitus. **Biochem Genet.** 2021 Feb;59(1):335-345.
83. Pal R, **Bhadada SK**. COVID-19 and diabetes mellitus: An unholy interaction of two pandemics. **Diabetes Metab Syndr.** 2020;14:513-517.
84. Dhaliwal R, **Bhadada SK**, Rao SD. Letter to the Editor: "Our Response to COVID-19 as Endocrinologists and Diabetologists". **J Clin Endocrinol Metab.** 2020;105:dgaa254.
85. Sharma R, Jain A, Kumar A, **Bhadada SK**, Grover S, Puri GD. Management of hunger strike: A medical, ethical and legal conundrum. **Med Leg J.** 2020
86. Pal R, Banerjee M, Bhadada SK. Cortisol concentrations and mortality from COVID-19. **Lancet Diabetes Endocrinol.** 2020;8:809.
87. Mittal N, Garg V, **Bhadada SK**, Katare OP. Role of novel drug delivery systems in coronavirus disease-2019 (covid-19): time to act now. **Curr Drug Deliv.** 2020.
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**Patent approved:**

Gurjeet Kaur , Ganesh Panzade , **Sanjay Kumar Bhadada** & Ravi Shankar. Novel microRNAs as diagnostic biomarkers for genetic Multiple Endocrine Neoplasia Type 1 (MEN1) syndrome with parathyroid tumors. **PSCST/1739 date 2 August 2018**

**Conference/CME:**

1. 14th Annual Conference Indian Society of Bone and mineral research 8-9<sup>th</sup> September 2018 in Delhi.
2. 13<sup>th</sup> National Conference of Indian Society for the Bone and Mineral Research(ISBMR) held on 10<sup>th</sup> to 12<sup>th</sup> November,2017 at Chandigarh,India.
3. World NCD congress 2017 held on November 4<sup>th</sup>-6<sup>th</sup>,2017at PGIMER,Chandigarh ,India.
4. ENDO 2017 Annual Meeting, to be held on April 1-4, 2017, Orlando, Florida,USA.
5. Congregation of the leading minds in the lipid management : Lipid conclave 2015 held on 6<sup>th</sup> September 2015
6. 10<sup>th</sup> National Conference of Indian Society for the Bone and Mineral Research(ISBMR) held on 20<sup>th</sup> to 21<sup>st</sup> October 2014 at Mumbai.
7. Annual Summit on Hypertension held in Mumbai on 2<sup>nd</sup> and 3<sup>rd</sup> August 2014.
8. 22<sup>nd</sup> Annual conference of Delhi Diabetes forum on 12-13<sup>th</sup> April 2014
9. CME on Diabetes today organized by European Association for the study of Diabetes European Association for the Study of Diabetes (EASD) is conducting a series of programme in India tilled on, CME on 11<sup>th</sup> August 2013.
10. Amrita Diabetes and Endocrinology 2011 held at Amrita Institute of Medical Sciences on 29<sup>th</sup> and 30<sup>th</sup> of April 2011.
11. Amrita Diabetes and Endocrinology 2011 held at Amrita Institute of Medical Sciences on 7<sup>th</sup> and 8<sup>th</sup> of May 2010.
12. 7th Annual Meeting of Indian Thyroid Society on Feb 13-14 ,2010 held at BHU Varanasi.
13. 5<sup>th</sup> National Conference of Indian Society for the Bone and Mineral Research(ISBMR) held on 8<sup>th</sup> October 2009 at Udaipur.
14. The 39<sup>th</sup> Annual Conference of the Endocrine Society of Indian R.N.T. Medical College, Udiapur (ESICON) held from 9<sup>th</sup> to 11<sup>th</sup> October 2009.
15. Indian Menopausal Society guest speaker on Osteoporosis held on 6<sup>th</sup> Sept;2008 at Chandigarh.
16. MID Term Conference of Endocrine Society of India 2004, Department of Endocrinology, Osmania Medical College Hyderabad, Andhra Pradesh held on 31th July and 1<sup>st</sup> August 2004.

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