

## Curriculum Vitae

**Henry M. Kronenberg**

Professor of Medicine  
Massachusetts General Hospital/Harvard Medical School



### ● Educational Background & Professional Experience

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| 1993–Present | Professor of Medicine, Harvard Medical School  |
| 1984–2016    | Chief, Endocrine Unit, Mass. General Hospital (MGH)  |
| 1974–Present | MGH prior appointments: Physician, Associate Physician, Assistant Physician; Assistant in Medicine, Clinical and Research Fellow |
| 1974–Present | Harvard Medical School prior appointments: Associate Professor, Assistant Professor, Clinical and Research Fellow                |
| 1972–1974    | Research Associate, National Institutes of Health (Anfinsen/Goldberger), Bethesda, MD  |
| 1970–1972    | Medical Intern, Assistant Medical Resident, Massachusetts General Hospital, Boston, MA   |

### ● Research Interests

I have had a longstanding interest in bone biology and the actions of parathyroid hormone (PTH) and parathyroid hormone-related protein (PTHrP.) In recent years I have particularly focused on the use of genetically altered mice to understand the mechanisms of the bone-forming actions of PTH.

### ● Publications

- Wein MN, Liang Y, Goransson O, Sundberg TB, Wang J, Williams EA, O'Meara MJ, Govea N, Beqo B, Nishimori S, Nagano K, Brooks DJ, Martins JS, Corbin B, Anselmo A, Sadreyev R, Wu JY, Sakamoto K, Foretz M, Xavier RJ, Baron R, Bouxsein ML, Gardella TJ, Divieti-Pajevic P, Gray NS & Kronenberg HM. SIKs control osteocyte responses to parathyroid hormone. *Nature Communications*. 2016. 7:13176. PMID: PMC 5075806.
- Ono N, Ono W, Nagasawa T, Kronenberg HM. A subset of chondrogenic cells provides early mesenchymal progenitors in growing bones. *Nat Cell Biol*. 2014 Dec;16(12):1157–67. PubMed PMID: 25419849; PubMed Central PMCID: PMC4250334.
- Calvi LM, Adams GB, Weibrecht KW, Weber JM, Olson DP, Knight MC, Martin RP, Schipani E, Divieti P, Bringhurst FR, Milner LA, Kronenberg HM, Scadden DT. Osteoblastic cells regulate the haematopoietic stem cell niche. *Nature*. 2003 Oct 23;425(6960):841–6. PubMed PMID: 14574413
- Lanske B, Karaplis AC, Lee K, Luz A, Vortkamp A, Pirro A, Karperien M, Defize LH, Ho C, Mulligan RC, Abou-Samra AB, Jüppner H, Segre GV, Kronenberg HM. PTH/PTHrP receptor in early development and Indian hedgehog-regulated bone growth. *Science*. 1996 Aug 2;273(5275):663–6. PubMed PMID: 8662561.
- Karaplis AC, Luz A, Glowacki J, Bronson RT, Tybulewicz VL, Kronenberg HM, Mulligan RC. Lethal skeletal dysplasia from targeted disruption of the parathyroid hormone-related peptide gene. *Genes Dev*. 1994 Feb 1;8(3):277–89. PubMed PMID: 8314082.