

ORS 48th International Musculoskeletal Biology Workshop - Disclosure Index

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Sonya Ahmed

1 – Royalties: No ; 2 - Speakers Bureau: Yes Speaker/Teacher Bioventus and Arthrex; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Consultant to Bioventus, Arthrex, Zimmer and Tornier; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Mother-owns stock in pharmaceutical company; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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James A Ashton-Miller

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Mark M Banaszak Holl

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes Merck OSP Grant; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

James T Bell

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes JBMR plus (deputy editor) and JBC (editorial board); 9 - Serve on Board of Directors/Committee: Yes ASBMR president elect

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

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Scott A Birks

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Susan A Bloomfield

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes daughter Alicia CB Allen works for United Therapeutics Corporation in Durham, NC; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Robert K Boeckman Jr

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Novartis Institute for Biomedical Research, Novartis Pharmaceuticals Inc - Organic Chemistry Consultant; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Novartis, Pfizer, GlaxoSmithKline; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Joel D Boerckel

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Lauren A Boller

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Brendan F Boyce

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: Yes Anti-RANKL and RANK antibodies from Amgen, with no funding; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jessica Brezicha

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Robert H Brophy

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes Arthrex and Smith & Nephew support the cost of our orthopaedic surgery sports medicine fellowship; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes I am on the editorial board of The American Journal of Sports Medicine and the deputy editor for Sports Medicine of The Journal of the American Academy of Orthopaedic Surgeons; 9 - Serve on Board of Directors/Committee: Yes I am committees for the American Academy of Orthopaedic Surgeons, the American Orthopaedic Association, and the American Orthopaedic Society for Sports Medicine

David B Burr

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Agnovos; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Current Osteoporosis Reports, JBMR, BONE, Bone Reports, JBMR Plus, J of Bone and Mineral Research, J of Biomechanics, Osteoporosis International, Calcified Tissue International Actualizaciones en Osteologia; 9 - Serve on Board of Directors/Committee: No

Guoqi Mr. Cai

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Lei Cai

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Xu Cao

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Thomas O. Carpenter

1 – Royalties: No ; 2 - Speakers Bureau: Yes I have received honorarium from Ultragenyx for speaking at a symposium in Brazil in June 2019; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes I have served as a paid consultant for the following companies: Ultragenyx, Kyowa Kirin Pharma, Clementia, Inozyme; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes Grant funding: Ultragenyx; Paradigm; Nutricia; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Associate Editor, Journal of Bone and Mineral Research; 9 - Serve on Board of Directors/Committee: No

Michael Casden

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes GlaxoSmithKline; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes GlaxoSmithKline; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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Ashley L Daniel

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Brian Dawson

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

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1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes Research contract with PharmaMar S.A.; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Kathleen Derwin

1 – Royalties: Yes Viscus Biomedical; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Orthofix; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Board of Consulting Editors for JBJS; 9 - Serve on Board of Directors/Committee: Yes Chair Elect, Tendon Section, ORS

Justin DesLaurier

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Henry J Donahue

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Xin Duan

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Dana L Duren

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Frank Ebetino

1 – Royalties: No ; 2 - Speakers Bureau: Yes Sandoz; 3a - Paid Employee: Yes BioVinc; 3b - Paid Consultant: Yes BioVinc, Ionova; 3c - Unpaid Consultant: Yes BisCardia, Inc.; 4 - Stock or Stock Options: Yes BioVinc; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Burcin Ekser

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes United Therapeutics, Lung Biotechnology, Indiana University Health; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jon P Elizondo

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Karyn Esser

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Carmella Evans-Molina

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Steve Falcoz

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Mary C Farach-Carson

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Matrix Biology; 9 - Serve on Board of Directors/Committee: No

Charles R Farber

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jian Q. Feng

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Virginia L. Ferguson

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes I am corresponding editor on Journal of Biomechanics; 9 - Serve on Board of Directors/Committee: Yes I am on the Membership Committee for the ORS

Adam J Ferrari

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Kathleen M Fisch

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Braden C Fleming

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Miach Orthopaedics (Spouse); 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Miach Orthopaedics (Spouse); 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Orthopaedic Journal of Sports Medicine (spouse); 9 - Serve on Board of Directors/Committee: No

Mario Fraga

Disclosure not available at this time.

Destiny Francis

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Michael Friedman

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Caroline M Garrett

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Richard H Gelberman

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Ziad Ghazzawi

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Georgia Glastris

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Matthew B Greenblatt

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Matthew W Grol

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Monica Grover

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Scott A Guelcher

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes Medtronic Spine & Biologics; 6 - Financial or Material Support from Pharmaceutical or Company: Yes Biomedical devices provided by Medtronic for preclinical studies.; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Farshid Guilak

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes Cytex Therapeutics Inc.; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Cytex Therapeutics Inc.; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No ; 8 - Serve on Editorial or Governing Board: Yes Journal of Biomechanics, 1999- Osteoarthritis & Cartilage, 2001- DNA and Cell Biology, 2004- Current Rheumatology Reviews, 2004- Clinical Medicine: Arthritis and Musculoskeletal Disorders, 2007- Stem Cell Research & Therapy, 2009- Orthopedic Research and; 9 - Serve on Board of Directors/Committee: No

Theresa Guise

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes Bayer Pharmaceuticals to study the effect of Radium-223 on myeloma; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No ; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: Yes Cancer and Bone Society; and Chair elect of AACR Tumor microenvironment working group

David L Halladay

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Eli Lilly stock; as part of my Eli Lilly retirement portfolio; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: Yes Eli Lilly retirement; 7b - Royalties, Financial/Material Support from Publisher: Yes; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

David A Hoey

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes Bristol Myers Squibb; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Bristol Myers Squibb; 5 - Research or Institutional Support: Yes Johnson and Johnson; 6 - Financial or Material Support from Pharmaceutical or Company: Yes Johnson and Johnson; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No ; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Lorenz C Hofbauer

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No ; 8 - Serve on Editorial or Governing Board: Yes Deputy Editor JBMR; 9 - Serve on Board of Directors/Committee: Yes Council, ASBMR

Harry A Hogan

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Associate Editor of Connective Tissue Research; 9 - Serve on Board of Directors/Committee: No

Nilsson Holguin

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Mark R Holland

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Maria Hovorakova

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Alice H Huang

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes Jessica Gordon, sister, Illumina; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Jessica Gordon, sister, Illumina and Ryan Cinalli, husband, Attune; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes myself, Scientific Reports editorial board; 9 - Serve on Board of Directors/Committee: No

Lily Huang

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes I am a full time employee at the Regeneron Pharmaceutical Inc.; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes I hold Regeneron stocks.; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Rong Huang

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Tonci Ivanisevic

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Kevin C Jacob

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Behzad Javaheri

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Karl J Jepsen

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Ming-Ming Jiang

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Tongmeng Jiang

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Zixue Jin

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Yan Jing

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sutha K John

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Gillian P Johnson

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Joshua D Johnson

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes I work for PolarityTE; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Ivo Kalajzic

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jordan Kho

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Ha-Neui Kim

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jinhee Kim

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Zachary L Kohn

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes Mother is an employee of Orthofix; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Parents own orthofix stock; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Svetlana Komarova

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes received funding from Mereo BioPharma for a project unrelated to the current submission; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Pratima Labroo

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes PolarityTE; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes PolarityTE; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sarfraz S Lalani

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes I own stocks of Portola Pharmaceuticals and Celgene; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Lisa Larkin

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes I am a co-founder, CEO paid as an independent contractor (IDC) for STEL Technologies, LLC. This company is a regenerative medicine company working on a ligament technology for ACL and rotator cuff repair. I will not be talking about this technology at t; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: Yes I get paid as an IDC for being CEO of STEL Technologies, LLC; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Emily Leary

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Scott Lenfest

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Ayland C Letsinger

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Lei Li

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Xuehua Li

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

John T Lightfoot

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sarah E Little

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Yao Liu

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Stacie Loisate

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Alayna E Loiselle

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Editorial Board- Scientific Reports; 9 - Serve on Board of Directors/Committee: Yes New Investigator Mentoring Committee-ORS

Helen Lu

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Journal of Orthopaedic Surgery, Editorial board member ; 9 - Serve on Board of Directors/Committee: No

En Luo

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material

Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Erin M Mannen

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sarah L Manske

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

David S Margolis

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Andrew R Marks

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Camilla Reina Maroni

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Erika G Marques de Menezes

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Colin T Martin

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Siti Maisarah Mattap

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Kevin McAndrews

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Julio Mejia

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Christopher L. Mendias

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Journal of Orthopaedic Research, Journal of Applied Physiology; 9 - Serve on Board of Directors/Committee: No

Khalid Mohammad

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Elda M Munivez

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sreemala Murthy

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Puviindran Nadesan

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Chanond A Nasamran

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jessica H Nelson

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Phillip T Newton

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Anne E Nichols

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Philip Norris

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sanja Novak

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Ryan M Nunley

1 – Royalties: Yes Microport/Royalties; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Biocomposites, Cardinal Health, DePuy, Halyard, Medical Compression Systems, Inc., Medtronic, Mirus, Smith & Nephew; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes Stryker; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: Yes Microport; 7b - Royalties, Financial/Material Support from Publisher: Yes; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: Yes SOA President, AAHKS Treasurer

Jeffrey S Nyman

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No I am not paid directly, but my lab has done work for Safoni Genzyme under fee-for-service agreement between the company and VUMC. That work is not related to the abstract.; 3c - Unpaid Consultant: Yes I serve on the Scientific Advisor Board of ActiveLife Scientific, Inc. without compensation.; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes My lab has done work for Safoni Genzyme under a fee-for-service agreement between the company and VUMC. ActiveLife Scientific, Inc. loaned my lab equipment.; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes I am on the editorial board of Bone, J Bone Miner Res, Clin Rev Bone Miner Metab, Curr Osteoporos Rep; 9 - Serve on Board of Directors/Committee: No

Regis J. O'Keefe

1 – Royalties: Yes Receive royalties from Fate Therapeutics,<\$5,000/year; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: Yes Receive royalties from Fate Therapeutics,<\$5,000/year; 7b - Royalties, Financial/Material Support from Publisher: Yes; 8 - Serve on Editorial or Governing Board: Yes Associate Editor, Bone; 9 - Serve on Board of Directors/Committee: Yes First Past-President, American Orthopaedic Association

David J Olivos

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes Pharmacyclics, An Abbvie Company; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes AbbVie; 5 - Research or

Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Maurizio Pacifici

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes consultant for Clementia Pharmaceuticals; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Conner J Paez

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Gabriel M Pagnotti

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Feng Pan

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jesal Parekh

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Daniella M Patton

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Munro Peacock

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Molly M Pederson

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Christine T Pham

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Andrew A Pitsillides

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: Yes I am an unpaid consultant for HaomaMedica Ltd; 4 - Stock or Stock Options: Yes Yes in HaomaMedica Ltd; 5 - Research or Institutional Support: Yes Yes from HaomaMedica Ltd; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Geoffrey Pitt

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes I own shares of Bristol Meyers Squibb; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Muhammad Farooq Rai

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Martina Rauner

1 – Royalties: No ; 2 - Speakers Bureau: Yes Amgen; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: Yes Acceleron, Amgen; 7a - Royalties, Financial/Material

Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jenna Regan

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Steven R Reiken

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Armgo Pharma, inc; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Mathieu Riffault

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Alexander G Robling

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Scott A Rodeo

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Flexion Therapeutics; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Ortho RTI; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes American J. Sports Medicine; 9 - Serve on Board of Directors/Committee: No

Jennymar Rojas

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

G. David Roodman

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Ryan Ross

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Severin Ruoss

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Javier San Martin

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes Ultragenyx Pharmaceutical Inc.; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Ultragenyx Pharmaceutical Inc.; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Amy Y Sato

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Lars Savendahl

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Stephen H Schlecht

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Artur Schneider

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Elizabeth Shane

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes Amgen; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Yun She

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Hua Shen

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Richard J Sherwood

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Michael J Sieverts

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes PolarityTE; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Stock options through PolarityTE; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Matthew J Silva

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes Research Grant - Merck 2014-2017; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes JOR editorial board; 9 - Serve on Board of Directors/Committee: Yes ORS Treasurer

Benjamin Sinder

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Lester Smith

Disclosure not available at this time.

Ernesto J Solorzano

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Kendall C Stauffer

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes PolarityTE; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes PolarityTE; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sukanya Suresh

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Vidyani Suryadevara

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Michael M Sutton

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

John A Szivek

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Josephine Tabea Tauer

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Simon Tang

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: Yes Uncompensated scientific advisory board member of Active Life Scientific.; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sarah A Tersey

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No HiberCell BioTech - grant PI; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sylvia Thiele

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

William R Thompson

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material

Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jing Tian

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Sam Q Tran

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Trupti Trivedi

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Qisheng Tu

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Deepak Vashishth

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Intrinsic Therapeutics Inc ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes Orthograft LLC ; 5 - Research or Institutional Support: Yes Celgene (NIIMBL Project); 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Bone, Journal of Mechanical Behaviour of Biomedical Material (Editorial Board Member), PLoS One; 9 - Serve on Board of Directors/Committee: No

Ericka von Kaeppler

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

J. Todd Walker

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: Yes Brother works for Stryker; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jun Wang

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Zheng Wang

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Samuel R. Ward

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: Yes DelNova Inc; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes Physical Therapy Journal; 9 - Serve on Board of Directors/Committee: No

Natalie K Wee

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Joseph C Wenke

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes JSOR and eCM; 9 - Serve on Board of Directors/Committee: No

Jennifer Westendorf

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: Yes Terumo BCT Inc; 3c - Unpaid Consultant: Yes Gordian Biotech; 4 - Stock or Stock Options: Yes Unity Biotechnology; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a -

Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: Yes Nature Springer; 8 - Serve on Editorial or Governing Board: Yes Deputy Editor, Journal of Bone and Mineral Research; 9 - Serve on Board of Directors/Committee: No

Phillip J White

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Samuel Wickline

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: Yes New startups: Trasir Therapeutics, Altius; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes J Cardiovascular Pharmacology and Therapeutics; 9 - Serve on Board of Directors/Committee: No

Monte S Willis

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Tania Winzenberg

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Edward M Wojtys

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: Yes SportsHealth Journal; 9 - Serve on Board of Directors/Committee: No

Stephen Schlecht M Wojtys

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Christian S Wright

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Feitong Wu

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Yunshu Wu

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Lianping Xing

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Jinhu Xiong

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Ren Xu

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Alisha R Yallowitz

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or

Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Xin Yi

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Michael Yin

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Yue Zhang

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Marina Zieger

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Elizabeth A Zimmermann

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No Biomomentum; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No Mereo BioPharma; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No Mereo BioPharma; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No

Xiaohua Zong

1 – Royalties: No ; 2 - Speakers Bureau: No ; 3a - Paid Employee: No ; 3b - Paid Consultant: No ; 3c - Unpaid Consultant: No ; 4 - Stock or Stock Options: No ; 5 - Research or Institutional Support: No ; 6 - Financial or Material Support from Pharmaceutical or Company: No ; 7a - Royalties, Financial/Material Support from Pharmaceutical or Company: No ; 7b - Royalties, Financial/Material Support from Publisher: No; 8 - Serve on Editorial or Governing Board: No ; 9 - Serve on Board of Directors/Committee: No