



**Canadian Arthritis Network  
International Partnership Initiative**

**International Research & Training Program  
LABORATORY/CLINIC PROFILE**

**Contact information of the principal investigator**

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**Please indicate if you are member or affiliate of one or more of the following International Partnership Initiative organizations:**

- AO Foundation – Biotechnology Advisory Board, Switzerland
- Arthritis Foundation, USA
- Arthritis Research Campaign, UK
- Canadian Arthritis Network, Canada
- Japan Society for the Promotion of Science, Japan
- Nuffield Foundation Oliver Bird Rheumatism Program, UK

**International Research & Training Program Opportunity**

**Please indicate which of the following international opportunities would be available at your laboratory/clinic.**

- Training Elective Rotation
- Research Mini-sabbatical
- Industry Training Rotation



The International Research & Training Program will be available for trainee elective rotations and investigator mini-sabbaticals that commence on or before March 31, 2009. If you have any preferences regarding the dates when you can host an international trainee or investigator, please indicate this below.

<b>Visit Length</b> (please indicate start and end dates if known):	
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Please provide ten key words and a brief description of the research currently being conducted in your laboratory/clinic, including descriptions of any specialized equipment, methods or technologies employed at your facility.

**10 key words**

<ol style="list-style-type: none"><li>1. Osteopontin</li><li>2. Cytokines</li><li>3. Inflammation</li><li>4. Connective tissues</li><li>5. Wound</li><li>6.</li><li>7.</li><li>8.</li><li>9.</li><li>10.</li></ol>
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**Brief description** (up to ½ page)

Our Laboratory focus on connective tissue wound healing, the cytokines Osteopontin and TNF alpha are studied, in addition formation of provisional matrix as part of regenerative process is studied in models of damaged Cardiac tissues, inflammatory gut diseases and dermis in particular.

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**Key publications** (maximum 5 publications)

22. Zohar, R., Zhu, B. McCulloch CAG. and J. Sodek. Caspase 3-independent Cell Death in Osteopontin-deficient Fibroblasts. Proceedings of the Eighth International Conference on the Chemistry and Biology of Mineralized Tissues. 8th ICCBMT, Banff, Alberta, Canada. 2005. (pp. 51-53).
23. Sodek J. Batista da Silva A.P. and Zohar, R. Osteopontin Roles in Mucosal Protection. *J. Denal Reserch* Vol 85(5),2006 (pp.404-15).
24. Batista da Silva A.P. Pollett A. Rittling SR. Denhardt DT. Sodek J. and Zohar, R. Exacerbated Tissue Destruction in DSS-induced Acute Colitis of OPN-null Mice is Associated with Down-regulation of TNF- $\alpha$  Expression and Non-programmed Cell Death. *J.Cell Physiol.*; Vol 208(3) ,2006 (pp.629-39).



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ARTHRITIS CANADIEN  
NETWORK DE L'ARTHRITE

27. Koh A. Batista da Silva A.P. Bansal A. Bansal M. Sun C. Lee R.H. Glogauer M. Sodek J. and Zohar R. Role of Osteopontin in Neutrophil Function (Immunology; In press).