**Type of Article:** Letter to the Editor

**Title:** Upregulated shared genes of IL1RN and SOCS3: Identification of a genetic connection key and proinflammatory cytokine regulator between burns and Crohn's disease

**Authors:** Mohammad Reza Zabihi 1, Mohammad Akhoondian 2, Babak Pourgholamali 3, Narges Norouzkhani 4, Pooyan Ghorbani Vajargah 5, 6, Amirabbas Mollaei 5, 6, Samad Karkhah 5, 6\*

**Affiliations:**

1. Department of Immunology, School of Medicine, Tehran University of Medical Sciences, Tehran, Iran.
2. Department of Physiology, School of Medicine, Cellular and the Molecular Research Center, Guilan University of Medical Science, Rasht, Iran.
3. Cellular and Molecular Research Center, Faculty of Medicine, Guilan University of Medical Sciences, Rasht, Iran.
4. Department of Medical Informatics, Faculty of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran.
5. Burn and Regenerative Medicine Research Center, Guilan University of Medical Sciences, Rasht, Iran.
6. Department of Medical-Surgical Nursing, School of Nursing and Midwifery, Guilan University of Medical Sciences, Rasht, Iran.

**\*Corresponding Author:** Samad Karkhah (MSc)

**Address:** Nursing and Midwifery School of Shahid Dr Beheshti, Hamidyan Shahrak, Shahid Dr Beheshti Ave., Rasht, Guilan, IRAN

Fax: +98-13-33550097; Postal code: 41469-39841

Tel: +98-9032598167; +98-13-33552088; Email: sami.karkhah@yahoo.com

**Emails and Degree:**

**Samad Karkhah** (MSc),Email: sami.karkhah@yahoo.com (ORCID: 0000-0001-9193-9176).

**Short Title:** Identification of upregulated shared genes of IL1RN and SOCS3 between burns and Crohn's disease

**Number of Tables:** 0

**Number of Figures:** 1