

Stanford



Suman Acharya

Postdoctoral Research Fellow, Immunology and Rheumatology

CONTACT INFORMATION

- **Alternate Contact**

Suman Acharya - Postdoctoral Scholar

Email acharyasuman49@gmail.com

Bio

BIO

Research focus: Immunology and Rheumatology, Immune metabolism

HONORS AND AWARDS

- Yeungnam University Foreign Student scholarship, Yeungnam University (2016)
- Tribhuvan University scholarship for graduate student, Tribhuvan University (2010)
- Tribhuvan University student fellowship, Tribhuvan University (2008)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Yeungnam University (2021)
- BS, Tribhuvan University , Microbiology (2010)
- MS, Tribhuvan University , Medical Microbiology (2013)

STANFORD ADVISORS

- William Robinson, Postdoctoral Faculty Sponsor
- William Robinson, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Mevalonate promotes differentiation of regulatory T cells** *JOURNAL OF MOLECULAR MEDICINE-JMM*
Acharya, S., Timilshina, M., Chang, J.
2019; 97 (7): 927–36
- **Activation of Mevalonate Pathway via LKB1 Is Essential for Stability of T-reg Cells** *CELL REPORTS*
Timilshina, M., You, Z., Lacher, S. M., Acharya, S., Jiang, L., Kang, Y., Kim, J., Chang, H., Kim, K., Park, B., Song, J., Ko, H., Park, et al
2019; 27 (10): 2948–+
- **Amelioration of Experimental autoimmune encephalomyelitis and DSS induced colitis by NTG-A-009 through the inhibition of Th1 and Th17 cells differentiation** *SCIENTIFIC REPORTS*
Acharya, S., Timilshina, M., Jiang, L., Neupane, S., Choi, D., Park, S., Lee, S., Jeong, B., Kim, J., Nam, T., Chang, J.

2018; 8: 7799

- **Geranylgeranyl pyrophosphate amplifies Treg differentiation via increased IL-2 expression to ameliorate DSS-induced colitis.** *European journal of immunology*
Pandit, M. n., Acharya, S. n., Gu, Y. n., Seo, S. U., Kweon, M. N., Kang, B. n., Chang, J. H.
2021

- **Heterospheroid formation improves therapeutic efficacy of mesenchymal stem cells in murine colitis through immunomodulation and epithelial regeneration.** *Biomaterials*
Regmi, S. n., Seo, Y. n., Ahn, J. S., Pathak, S. n., Acharya, S. n., Nguyen, T. T., Yook, S. n., Sung, J. H., Park, J. B., Kim, J. O., Young, C. S., Kim, H. S., Jeong, et al
2021; 271: 120752

- **Particulate-Based Single-Dose Local Immunosuppressive Regimen for Inducing Tolerogenic Dendritic Cells in Xenogeneic Islet Transplantation.** *Advanced healthcare materials*
Pathak, S., Acharya, S., Regmi, S., Shrestha, P., You, Z., Bae, Y. K., Park, M. H., Yook, S., Kim, J., Park, S. Y., Jeong, D., Yong, C. S., Kim, et al
2020: e2001157

- **Reprogramming the T cell response to cancer by simultaneous, nanoparticle-mediated PD-L1 inhibition and immunogenic cell death** *JOURNAL OF CONTROLLED RELEASE*
Cao Dai Phung, Hanh Thuy Nguyen, Choi, J., Thanh Tung Pham, Acharya, S., Timilshina, M., Chang, J., Kim, J., Jeong, J., Ku, S., Choi, H., Yong, C., Kim, J.
2019; 315: 126–38