

70th WEEKLY NEWSLETTER

USF INTERNAL MEDICINE & PEDIATRIC DIVISIONS OF ALLERGY AND IMMUNOLOGY

The Internal Medicine and Pediatric Divisions of Allergy and Immunology are proud to announce that faculty members Narasaiah Kolliputi, PhD, Associate Professor of Medicine, Molecular Medicine & Pediatrics; Lakshmi Galam, PHD, Assistant Professor of Medicine; and Richard F. Lockey, MD, Distinguished University Health Professor, have been awarded a patent by the United States Patent and Trademark Office for their study on “ALDA-1 Treatment and Prevention of Pulmonary Disease”. Below is information about this study followed by the notification received by all three contributors from the University of South Florida Technology Transfer Office.

From Narasaiah Kolliputi, PhD:

Acute lung injury (ALI) and acute respiratory distress syndrome (ARDS) are among the most devastating causes of fatality in critically ill patients. Accumulating evidence shows that mitochondrial aldehyde dehydrogenase 2 (ALDH2) serves as an invaluable shield against oxidative stress mediated damage. In our study, Alda-1 is able to attenuate hyperoxia-induced endothelial dysfunction. Further, Alda-1 is able to restore ALDH2 activity and attenuate hyperoxia-induced acute lung injury (HALI) and lung inflammation in murine model.



Technology Transfer Office

August 17, 2021

Dear Contributors:

Congratulations! We are excited to share with you that the above-referenced patent application issued into United States Letters Patent No. 10,660,873 on May 26, 2020. Attached is a copy for your file.

While reviewing our database it was noticed that this may have not been previously reported to you. Please accept our apologies for the oversight.

Under current United States patent laws and rules, in general, the patent will expire at midnight twenty years after the first filing date of the utility application if all three maintenance fees are paid to the United States Patent and Trademark Office. The maintenance fees are due at 3½, 7½ and 11½ years from the date the patent is granted.

Additionally, as a named inventor on an issued patent you now have the opportunity to become a member of the University's Academy of Inventors. Registration for the organization is free and open to all members of the USF community, including alumni and affiliates who have received an issued patent from the USPTO. To fill out an application please visit <http://innovation.usf.edu/nai/nai-become-a-member.php>.

Currently, the University is in the process of identifying potential licensees for your technology. To further assist us in this process, please notify this office if you identify any potential licensees so that we can contact them and attempt to secure a license for the invention.

Thank you for your help in obtaining this patent, and if you have any questions or comments, please contact our office.

Best regards,

Susan S. Keefer

Intellectual Property Specialist

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In addition, Narasaiah Kolliputi, PhD, has been granted membership, as a patent holder, to the USF Chapter of the National Academy of Inventors (NAI). A dedicated brick with his name engraved on it will be added to the walkway at Inventors Commons in the USF Research Park.

With warm regards,

Richard F. Lockey, MD
Distinguished University Health Professor
Joy McCann Culverhouse Chair in Allergy
and Immunology
Professor of Medicine, Pediatrics & Public Health
Director, Division of Allergy and Immunology
Department of Internal Medicine

Jolan Walter, MD, PhD
Robert A. Good Endowed Chair in Immunology
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