



March 29, 2019

Madan Kumar Arumugam, Ph.D.
No. 5005, F3, GK Homes, Ram Nagar North Extn.
Madipakkam
Chennai, India 600091

Dear Dr. Arumugam:

As per your communications with Dr. Kusum Kharbanda, I am pleased to enclose an offer of employment for you to join the Department of Internal Medicine, Division of Gastroenterology, at the University of Nebraska Medical Center. Please sign and initial the accompanying agreement, where indicated, and return to me in the enclosed self-addressed envelope.

Please sign and initial the accompanying agreement, where indicated, and return to me in the enclosed self-addressed envelope as soon as possible so that your appointment may be processed. Should you have any questions, please feel free to contact Angela Peppers, Department Administrator, at 402/559-6314 or by email to angela.peppers@unmc.edu.

We look forward to you joining our department.

Sincerely,

Debra J. Romberger, M.D.
Henry J. Lehnhoff Professor and Chair
Department of Internal Medicine

DJR/rl

Enclosures

APPENDIX "A"

University of Nebraska College of Medicine EMPLOYMENT AGREEMENT

OTHER ACADEMIC APPOINTMENT

Duties and Responsibilities

Effective Date: May 6, 2019 to May 5, 2020

Name: Madan Kumar Arumugam, Ph.D.
Position: Postdoctoral Research Associate
Department: Internal Medicine

I. Teaching Responsibilities.

Teach laboratory techniques to Summer Undergraduate Students and visiting Fellows.

II. Research Responsibilities.

Determine characterization of the changes in lipid droplets in the liver that facilitate accumulation during the development of alcoholic and non-alcoholic fatty liver diseases and prevention by betaine treatment.
Carry out studies in both animal (rat and mice) and cell culture models, studying the link between methylation defects and the biochemical and functional changes in the lipid droplets in the liver and adipose tissue after alcohol or high-caloric intake.
Collect, analyse and interpret data for national meeting presentations, manuscript preparation and grant writing.
Work independently, as a member of Dr. Kharbanda's research team and in collaboration with other researchers.

III. Administration and Service.

Participate in departmental and divisional meetings.

IV. Other.

Provide general upkeep of the laboratory and instruments.

The above and other duties and responsibilities shall be subject to the direction of Dr. Kusum Kharbanda, supervising faculty member, and modified at his/her reasonable discretion in consultation with the postdoctoral research associate.

