

Cover Page



Universiteit Leiden



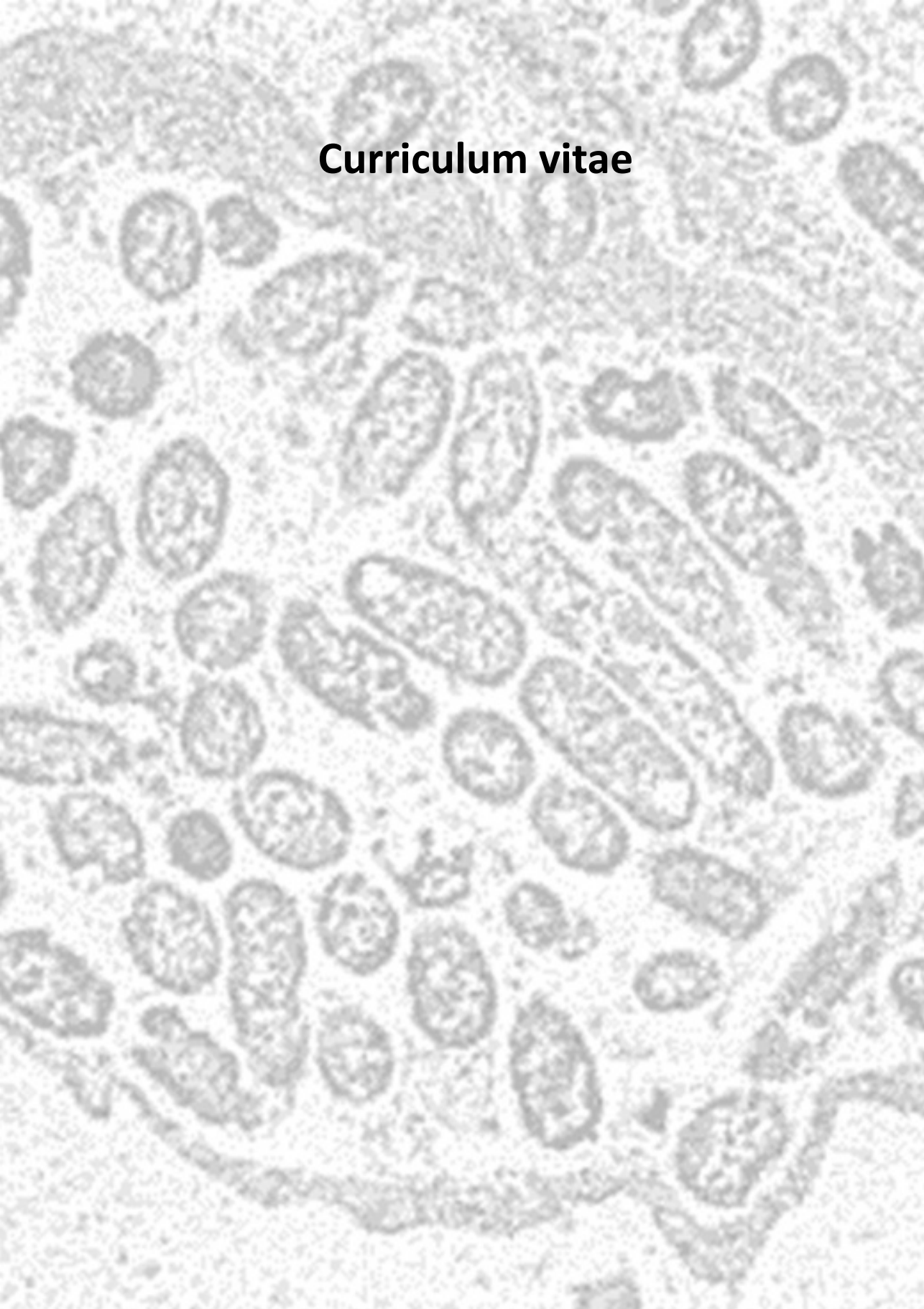
The handle <http://hdl.handle.net/1887/58773> holds various files of this Leiden University dissertation

Author: Masud, S.

Title: Autophagy and Lc3-associated phagocytosis in host defense against Salmonella

Issue Date: 2017-10-12

Curriculum vitae



Curriculum vitae

Samrah Masud was born on November 7th 1978 in Layyah, Pakistan, and received her basic education in her home country. She obtained her High school certificate in 1993 from the Federal Government High School, Jehlum Cantt. She attained her Secondary High school certificate in 1996, at the Government College for girls, Muzaffer Garh. She received her Bachelor degree in Biology in 1998 with Botany, Zoology and Chemistry as major subjects. She obtained her Master degree in Zoology in 2000, from the Bahaudin Zakriya University, Multan. During her Master study she wrote a dissertation on the subject of aquaculture entitled “Dynamics of body composition and growth rate of Thaila carp (*Catla catla*)” under the supervision of prof.dr. Abdus Salam. After her master study, she obtained a government teaching position in 2002, as a lecturer in Biology at the Government College for girls, Layyah, and moved on in 2003 to a permanent position as university lecturer at the Bahaudin Zakriya University, Multan, in the area of Zoology. While teaching, she continued her higher education at the same university, where she achieved the M.Phil degree in Zoology (18 years of education) in 2005 with a dissertation “Effect of feed cycling on specific growth rate, condition factor and body composition of grass carp (*Ctenopharyngodon idella*)”, under the supervision of prof.dr. Muhammad Ali. She continued teaching the principles of genetics, cell biology and developmental biology to Master and M.Phil students until 2012. In the meantime, she won a competitive foreign PhD scholarship under the faculty development program of the Bahaudin Zakriya University, Multan, financed by the Higher Education Commission of Pakistan (HEC). In December 2012, she joined the group of prof.dr. A.H. Meijer (Institute of Biology, Leiden University), as a PhD candidate with this scholarship. During her initial training period, she mastered infection models of zebrafish with *Mycobacterium marinum* and *Salmonella Typhimurium*. Subsequently, she focused her research efforts on investigating the dynamics of autophagy and related processes during *Salmonella* infections, resulting in the work described in this thesis, which has revealed Lc3-associated phagocytosis as the main autophagy-related defense response of the zebrafish host against *Salmonella*. She will resume her university lecturer position at the Bahaudin Zakriya University, Multan, in November 2017.

