

LEO KURIAN

Personal Information

e-mail:

lkurian@salk.edu

leokurian@hotmail.com

Present Address

Leo Kurian
8875 Costaverde Blvd # 1406,
San Diego
92037. CA. USA

Personal Data

Date of Birth : 11.05.1981

Age : 28

Sex : Male

Nationality : Indian

Languages

English (expert), Malayalam (native), Hindi (expert), Tamil (basic) German (beginner).

Home Page

<http://igs2007.50webs.com/leo.html>

Education

2004-2009 PhD from Institute for Genetics, University of Cologne, Germany.

2002-2003 Master of Science in Biotechnology, Madras University Chennai, Tamilnadu, India.

1998-2001 Bachelor of Science (Industrial Chemistry) with an aggregate of 94% from Mahatma Gandhi University, Kerala, India. Majors: Chemistry and Mathematics.

Professional Experience

SALK Institute for Biological Studies (2009- present)

Postdoctoral fellow in the lab of Prof. Juan Carlos Izpisua Belmonte

National Centre for Biological Sciences, Bangalore, India (2003-2004)

Junior research Fellow in National Centre for Biological Sciences, Bangalore, India

Honors

CIRM Post doctoral training grant 2009-2012 supported by California Institute for regenerative medicine.

PhD fellowship from the government of Nordrhein-Westfalen through International Graduate school for Genetics and functional genomics, Cologne, Germany

Qualified GATE (Graduate Aptitude Test in Engineering, conducted by government of India) with an aggregate of 97.3 out of 100.

University Second Rank Holder in M Sc Biotechnology, Madras University Chennai, Tamilnadu, India.

University First Rank Holder in B Sc Industrial Chemistry, Mahatma Gandhi University, Kottayam, Kerala, India.

References

Juan Carlos Izpisúa Belmonte

Salk Institute for Biological Studies, 10010 North Torrey Pines Road
La Jolla, CA 92037

Prof. Juergen Dohmen

Institute for Genetics
Zulpicherstrasse 47
Cologne 50674, Germany
Tel: +49 221 470 4862
e-mail: j.dohmen@uni-koeln.de

Prof. Thomas Langer

Institute for Genetics
Zulpicherstrasse 47
Cologne 50674, Germany
Tel: +49-221-470 6749
e-mail: Thomas.Langer@uni-koeln.de

Prof. Apurva Sarin

National Centre for Biological Sciences
UAS GKV campus
Bangalore, 560065
Tel: +91 80 3636420 extn 2280
email: sarina@ncbs.res.in

Co curricular Activities

Invited speaker **Gordon research conference on Polyamines** – Polyamine Genetics, Metabolism, Cellular Homeostasis And Drug Discovery (June, 2009)

Active organizer for Crossroads in Biology (Cib) 2006, 1st students-organized symposium from the International Graduate School in Genetics and Functional Genomics.

Designed and managed 3 weeks intense practical course in molecular genetics and cell biology for diploma students in University of Cologne (2008).

Attended “High performance presentation and scientific writing course”

Attended and presented my research work at XXIIIrd International Conference on Yeast Genetics and Molecular Biology (2007)

Extracurricular activities

- Amateur Photography
<http://legalalien.redbubble.com/>
- Cricket
- Indoor rock climbing

Publications and Patents

Patents

Formation of hematopoietic progenitor cells from mesenchymal stem cells- **PCT/US2011/057542**

Publications

1. Robust and efficient differentiation of human pluripotent stem cells to multipotent vascular progenitors

Leo Kurian^{1,*}, Ignacio Sancho-Martinez^{1,*}, Emmanuel Nivet¹, Christophe Maïza², Caroline Pendaries², Frédérique Dolz, Cécile Volle-Challier², Jean-Marc Herbertz, Françoise Bono², Krystal Sousley¹, and Juan Carlos Izpisua Belmonte^{1,3} (in submission)

2. Replacement of Sox2 by TGFβ inhibition allows for safe transdetermination of human mesenchymal stem cells to hematopoietic progenitor cells

Emmanuel Nivet^{1,*}, Ignacio Sancho-Martinez^{1,*}, **Leo Kurian**¹, Sachin Kumar², Julian Pulecio³, Krystal Sousley¹, Mathias Leblanc¹, Leopoldo Laricchia-Robbio³, and Juan Carlos Izpisua Belmonte^{1,3} (in preparation)

3. Polyamine sensing by nascent ODC antizyme stimulates decoding of its mRNA

Kurian L, R Palanimurugan, Daniela Goedderz, R. Jürgen Dohmen
Nature. 2011 Sep 7;477(7365):490-4

4. Recapitulation of premature ageing with iPSCs from Hutchinson-Gilford progeria syndrome.

Liu GH, Barkho BZ, Ruiz S, Diep D, Qu J, Yang SL, Panopoulos AD, Suzuki K, **Kurian L**, Walsh C, Thompson J, Boue S, Fung HL, Sancho-Martinez I, Zhang K, Yates J 3rd, Izpisua Belmonte JC.
Nature 2011 Apr 14;472(7342):221-5

5. The bax N terminus is required for negative regulation by the mitogen-activated protein kinase kinase and akt signaling pathways in T cells.

Journal of Immunol. 2004 Nov 15;173(10):6220-7.

"Live as if you were to die tomorrow,
learn as if you were to live forever"
Mahatma Gandhi