



**First name:**

**Luis Miguel**

**Last name:**

**Guachalla Gutierrez**

**Date of birth:**

**03.03.1980**

**Country:**

**Bolivia**

**E-mail:**

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**Supervisor:**

**Prof. Dr. K.L. Rudolph**

## **Education**

### **College/University:**

1998-2003      Universidad Mayor de San Andres. Licenciado in Biochemistry. La Paz, Bolivia

2004-2005      University of Westminster. MSc in Medical Biotechnology. London, UK

### **Highest degree:**

M.Sc. in Medical Biotechnology

### **Major Subjects:**

Biochemistry

### **Projects/Research:**

1. The *in vivo* effect of free radical detoxification insufficiency during telomere-driven ageing.
2. The role of the telomere associated protein EST1.
3. Generation and characterization of a *g0s2* knockout mouse.

### **Scholarships:**

Full International Scholarship. University of Westminster (2004-2005).

### **Scientific interests and goals:**

It is my intention to gain knowledge on the function of a telomere binding and a cell cycle related protein through „Gene Targeting“, a technique that made their masterminds earn a Nobel prize the year 2007.

It is also the purpose of my work to establish links between two of the strongest theories of cellular and organismal ageing, oxidative stress and telomere shortening.

### **Hobbies and other interests:**

Music, sci and sci-fi books, surfing