

Robert Driscoll
M.Sc. in Biology

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Nationality U.S.A. - Italian - Swiss Permis C

Languages English, French, Italian, Spanish

I offer an extensive biomedical career equipped with state of the art molecular techniques in my skill set. I am enthusiastic in furthering my research career within a dynamic team focused on solving current biological challenges.

Employment

2010 to Jan 2014

Research Associate

Laboratoire de Pneumologie, CHUV, CH-1011 Lausanne

Laboratory Supervisor: Dr Carolina Obregon Ph. D.

- I was personally responsible independently for characterization of μ -RNA species involved in RSV infection in cultured human bronchial cells in order to elucidate the host's immune regulation
- Measured human rhinovirus mediated inflammation in mouse lungs ahead of my deadline
- Developed, characterized and produced three different respiratory viruses, which were subsequently used by all lab members

2001 to 2010

Research Associate

Division of Experimental Oncology, CePO and NCCR Molecular Oncology, ISREC, CH-1066, Epalinges, Laboratory Supervisor: Dr. Curzio Ruegg, M.D

- Detection and correlation of angiogenic biomarkers in the blood of cancer patients
- *In vitro* assay screen of synthetic integrin inhibitors used in anti-angiogenesis cancer therapy

2000 to 2001

Senior Research Associate

Laboratory Supervisor: Dr Giuseppe Vassalli, M.D. Division of Cardiology, CHUV, CH-1011 Lausanne

- Adenoviral mediated *in vivo* cardiovascular gene therapy in mouse and rat heart disease models

1994 to 2000

Research Associate III

The Gladstone Institute of Cardiovascular Disease Laboratory Supervisor: Dr. David A. Dichek, M.D.

- Responsibilities: Complete laboratory management including supervision of other laboratory research associates.

1992 to 1994

Research Associate

C.N.R.S. Gif-sur-Yvette, France

Laboratory Supervisor: Dr. Lionello Bossi, Ph.D.

- Development of a microbiological colorimetric assay to detect DNA damaging agents as well as specific inhibitors of the human topoisomerase I enzyme

1991 to 1992 Research Associate
C.N.R - I.I.G.B., Naples, Italy
Laboratory Supervisor: Prof. Maurizio Iaccarino, Ph.D.

- Characterization of upstream regulatory sequences of the Gln-B gene of *Rhizobium leguminosarum* by in vivo foot printing

1989 to 1991 Research Associate II
Biology Department, University of North Carolina
Laboratory supervisor: Dr. Kerry Bloom, Ph.D.

- Determination of the nucleotide sequence of the SPO15 gene in *Saccharomyces cerevisiae*
- Expression and purification of the SPO15 protein from *E. coli*.
- Additional responsibilities: teaching students in conducting molecular biological techniques

Education

M.Sc. Biology, University of Utah
Research Advisor: Dr. Raymond F. Gesteland,
Department of Biology

B.S. Molecular Biology, University of California, Berkeley
Research Supervisor: Dr. Michael J. Chamberlin,
Department of Biochemistry

Masters Thesis

Driscoll, R. M. Nucleotide sequence effects on ribosomal frameshifting in *saccharomyces cerevisiae*
Importance: helped understand how specific nucleotide contexts are recognized in the regulation of gene expression

Personal Activities

- Music; 6 years jazz atelier, drum & vibraphone courses at EJMA, Lausanne; guitar, self-taught
- Sports: basketball, baseball, football, swimming, mountain hiking, bowling, billiards
- 18 years residency in Lausanne presently applying for Swiss citizenship
- Active member in my community of Vers-chez-les Blanc and involved in local fêtes
- Bi-monthly participation and organization of a “**Café Philo**” international philosophy club conducted in English.

Relevant Skills

Teaching experience and responsibilities: During more than 5 years of employment at the Gladstone Institute of Cardiovascular Disease I was given the role of sole laboratory manager supporting eight postdoctoral fellows and four research associates. This position entailed the overall supervision of the laboratory functions. Throughout my entire research career I have had the opportunity to train undergraduate, graduate and postgraduate fellows in learning molecular biology and virology techniques.

Publications: Contributing author to 15 research articles found in peer reviewed scientific journals.

Research and laboratory techniques: Have mastered many techniques used in molecular, cellular, viral and animal studies.