

# Forschungsprojekte

## Projets de recherche

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Unterstützt von:

**Krebsliga Schweiz, Stiftung Krebsforschung Schweiz, Oncosuisse**

*Soutenus par:*

**Ligue suisse contre le cancer, fondation Recherche suisse contre le cancer, Oncosuisse**

## 2002

<b>Projektverantwortliche/r Institut</b>	<b>Projekttitel</b>	<b>Dauer (Monate)</b>	<b>Betrag (CHF)</b>
<b>Responsable de la recherche Institut</b>	<b>Titre du projet</b>	<b>Durée (mois)</b>	<b>Montant (CHF)</b>
<b>Acha-Orbea Hans</b> , Prof. Dr. Inst. de biochimie Université de Lausanne 1066 Epalinges	Using genetherapeutically modified cytokine-secreting tumor-specific cytotoxic T cells to induce a lymphocyte-friendly environment in solid tumors: a new strategy for tumor immunotherapy	36	257'700
<b>Azzi Angelo</b> , Prof. Dr. med. Uni Bern, Inst. für Biochemie und Molekularbiologie 3012 Bern	Inhibition of human prostate cancer cell proliferation by tocopherol: <i>In vitro and ex vivo</i> Molecular studies	36	51'700
<b>Ballmer-Hofer Kurt</b> , Prof. Dr. med. PSI, Paul Scherrer-Institut 5232 Villigen	Development of vascular endothelial growth factor receptor-specific peptide mimetics	12	48'100
<b>Barral Yves</b> , Prof. ETH Hönggerberg 8093 Zürich	Spatial and temporal regulation of the yeast APC-related protein Kar9 during mitosis	24	214'900
<b>Battegay Edouard</b> , PD Dr. med. Kantonsspital Basel 4031 Basel	Mechanisms of hypoxia-induced vascular cell proliferation and angiogenesis; Role of the mTOR-pathway	24	106'900
<b>Beard Peter</b> , Dr. phil ISREC 1066 Epalinges	Virus mediated killing of cells that lack p53 activity: an approach to targeting genetic instability in tumour cells	24	175'900
<b>Bernhard Jürg</b> , PD Dr. phil. SIK 3008 Bern	Communication about clinical trials and treatment options: a randomized controlled trial of a consultation skills training package	24	268'481
<b>Bitzer Johannes</b> , Prof. Universitätsspital Frauenklinik 4031 Basel	Development and evaluation of a cognitive-behavioral intervention for the treatment of body image problems and difficulties with sexuality for women after mastectomy	26	55'200

<b>Catapano Carlo</b> , Dr. IOSI 6500 Bellinzona	Oligonucleotide-based transcriptional repressors for cancer therapy	24	230'100
<b>Dietler Giovanni</b> , Prof. Université de Lausanne 1015 Lausanne	Probing the tumor-host matrix interface with the atomic force microscope: a role for the laminin-5 isoform and tetraspanin-integrin complexes in colon cancer	12	100'000
<b>Dummer Reinhard</b> , Prof. Dr. med. Universitätsspital Zürich Dermatologie 8091 Zürich	Dysfunctional interferon signaling in lymphoma; Molecular analysis and evaluation of viral oncolysis as treatment approach	24	106'900
<b>Dyson Paul</b> , Prof. Ecole polytechnique fédérale de Lausanne 1015 Lausanne	Rapid identification of proteins targets of drugs from whole cell extracts and subsequent determination of the drug binding site using a novel mass spectrometric approach to provide an understanding of the mechanism of drug action	24	196'000
<b>Eberle Alex N.</b> , Prof. Dr. sc. nat. Kantonsspital Basel Dep. Forschung (ZLF) 4031 Basel	Receptor-mediated targeting of human melanoma for treatment of metastases	12	95'700
<b>Gredig Daniel</b> , Dr. phil. Fachhochschule Aargau, Abt. Forschung und Entwicklung 5200 Brugg	One-Year Longitudinal Study of the Well-being of Children and Adolescents who have a parent with cancer	24	50'000
<b>Günther Ursula</b> , PD Dr. Universitätsspital Basel Inst für med. Mikrobiologie 4058 Basel	Initiation of neoplastic alterations in colorectal tumors: the role of CD44 variant isoforms in interaction with adenomatous polyposis coli	36	230'500
<b>Gygi Christian</b> , Dr. med. Service d'urologie, CHUV 1011 Lausanne	Benefits of using new tests to reduce the frequency of unnecessary prostate biopsies	12	26'900
<b>Hemmings Brian A.</b> , Dr. phil. Friedrich Miescher Institut 4058 Basel	Role of a novel tumour suppressor-like protein, CTMP, in the development of glioblastoma and prostate cancer	36	261'200
<b>Hynes Nancy</b> , PD Dr. phil. Friedrich Miescher-Institut 4058 Basel	A molecular and cellular analysis of breast tumor cell migration: role of the ErbB2 receptor tyrosine kinase in heregulin-induced motility	36	117'500
<b>Kalberer Christian P.</b> , Dr. phil. Universitätsspital Basel Abteilung Forschung 4031 Basel	Expression of Natural Cytotoxicity Receptors by lentiviral-mediated gene transfer to enhance the potential of Natural Killer cells in Leukemia immunotherapy	24	106'900
<b>Kralli Anastasia</b> , Dr. Biozentrum der Universität Basel 4056 Basel	The role of the transcriptional coactivator PERC in Estrogen action and breast cancer	24	196'600
<b>Lingner Joachim</b> , Dr. phil. ISREC 1066 Epalinges	Evaluation of the telomerase-associated human EST1 protein as a potential target or agent to kill cancer cells	24	167'200
<b>Maibach Rudolf</b> , Dr. phil SIAK 3001 Bern	2-CDA and rituximab as remission induction and rituximab as in vivo purging prior to peripheral stem cell mobilization in patients with chronic lymphocytic leukemia (CLL) - A prospective multicenter phase II trial	36	51'000
<b>Maibach Rudolf</b> , Dr. phil. SIAK 3008 Bern	Investigation of tumor genotype in colorectal cancer by tissue microarray technique	24	88'500
<b>Natoli Gioacchino</b> , Dr. Inst. for Research in Biomedicine 6500 Bellinzona	Activation of cancer genes by NF- $\kappa$ B/Rel family members: Mechanisms of specificity and redundancy	36	286'400

<b>Niggli Felix</b> , PD Dr. med. Universitäts-Kinderklinik 8032 Zürich	Establishing of minimal residual disease techniques in childhood acute lymphoblastic leukaemia and their application in the international clinical treatment trial (ALL-BFM 2000)	24	167'000
<b>Peter Matthias</b> , Prof. ETH Zürich Inst. für Biochemie 8093 Zürich	Characterization of a conserved E3-Ubiquitin ligase required to maintain genomic stability	24	217'100
<b>Plasilova Martina</b> , Dr. phil. Abt. Medizinische Genetik, DKBW 4051 Basel	Characterisation of APC mutation-negative FAP patients and identification of the underlying genetic cause(s)	12	95'700
<b>Pless Miklos</b> , Dr. Kantonsspital Basel 4031 Basel	Hybrid cell cancer vaccine for renal cell cancer, melanoma and other tumors. A clinical phase I/II study	36	238'500
<b>Radtke Freddy</b> , Dr. ISREC 1066 Epalinges	Molecular aspects of the tumor suppressor function of Notch 1 in the skin and other epithelial tissues	36	290'300
<b>Redaelli Claudio</b> , Dr. med. Inselspital 3010 Bern	Adenovirus-mediated gene-transfer of endostatin to inhibit angiogenesis in a rat model of hepatocellular carcinoma	10	62'900
<b>Rufer Nathalie</b> , Dr. phil ISREC 1066 Epalinges	Senescence and immortalization of human antigen-specific CD8+ T lymphocytes	18	139'500
<b>Simanis Viestrus</b> , Dr. phil. ISREC 1066 Epalinges	The Role of the cdc14-related phosphatases in controlling cell cycle progression and assuring genome stability	36	161'000
<b>Simon Ronald</b> , Dr. phil. Kantonsspital Basel Inst. für Pathologie 4031 Basel	G-protein coupled receptor 35 as a tumor marker and therapeutic target for colon cancer	24	83'500
<b>Stamenkovic Ivan</b> , Prof. CHUV 1011 Lausanne	Molecular Mechanisms of tissue remodelling in cancer progression	24	169'600
<b>Trueb Beat</b> , Prof. Uni Bern 3010 Bern	Role of a novel FGF receptor (FGFRL1) in the control of cell proliferation and tumor formation	12	52'200
<b>Trumpf Andreas</b> , Dr. phil. ISREC 1066 Epalinges	Genetic analysis of <i>c-myc</i> and <i>Pten</i> in self-renewal and differentiation of murine stem cells	24	236'400
<b>von der Weid Nicolas-Xavier</b> , Dr. med. Universitäts-Kinderklinik Inselspital 3010 Bern	Neuropsychological Rehabilitation of pediatric ALL and brain tumor patients	36	212'600
<b>Wellauer Peter K.</b> , Dr. phil. ISREC 1066 Epalinges	Molecular signals governing cell fate decisions during ontogeny of the mammalian pancreas	24	184'900
<b>Zilian Olav</b> , Dr. med. & Dr. phil. ISREC 1066 Epalinges	Functional analysis of Notch-related secreted protein, NRSP, a novel evolutionary conserved LIN/Notch-repeat protein	36	167'000

## COLLABORATIVE CANCER RESEARCH PROJECTS

<b>Krek Wilhelm</b> , Prof. Dr. phil. ETH Zürich Inst. für Zellbiologie 8093 Zürich	Identification of molecular signatures of human prostate cancer and their validation in animal models an application in the clinics	36	1'000'000
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# Stipendiengesuche

## Bourses de recherche

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# 2002

<b>Gesuchsteller/In</b>	<b>Titel des Gesuchs</b>	<b>Dauer</b> (Monate)	<b>Betrag</b> (CHF)
<i>Candidat/e</i>	<i>Titre du projet</i>	<i>Durée</i> (mois)	<i>Montant</i> (CHF)
<b>Emmenegger Urban</b> , Dr. med. Ontario/Toronto Kanada	Impact of tumor associated stromal fibroblasts in angiogenesis and antiangiogenic therapy	12	72'600
<b>Erni Patrizia</b> 2557 Studen	Masters degree in palliative care	6	18'500
<b>Eychmüller Steffen</b> , Dr. med. 9007 St. Gallen	Use of „PaP“-Score in clinical decision making (oncology) PaP-Score = Palliative prognosis-Score	6	20'500
<b>Scholl Florence</b> , Dr. phil. University Stanford California 94040 USA	Investigation of the role of Mek1 and Mek2 in Ras-induced epidermal tumorigenesis	12	53'300
<b>Trachsel Eveline</b> 5212 Hausen	Development of new anticancer immunoconjugates / tumor targeting with cytokines fused to antibody fragments recognising markers of angiogenesis	12	31'800
<b>Vorburger Stephan</b> , Dr. med. Houston Texas USA	Preclinical translation research with adenoviral vectors	12	84'500
<b>Willems Cavalli Yvonne</b> 6500 Bellinzona	Interaction between workenvironment and ethical problems in an oncologic ward	12	18'000