

# Forschungsprojekte 2010 (1. Semester)

## Projets de recherche 2010 (1<sup>er</sup> semestre)

Unterstützt von: / Soutenus par:



**krebsliga schweiz**  
**ligue suisse contre le cancer**  
**lega svizzera contro il cancro**

<b>Projektverantwortliche/r Institut</b>	<b>Projektnummer Projekttitel</b>	<b>Dauer (Monate)</b>	<b>Betrag (CHF)</b>
<i>Responsable de la recherche Institut</i>	<i>Numéro du projet Titre du projet</i>	<i>Durée (mois)</i>	<i>Montant (CHF)</i>
<b>Christofori Gerhard</b> , Prof. Dr. rer.nat. Institut für Biochemie und Genetik Universität Basel 4058 Basel	KLS 02535-02-2010 The functional role of the transcription factors Dlx2 and Lhx2 in epithelial-mesenchymal transition (EMT) and in malignant tumor progression	36	283'200
<b>Gönczy Pierre</b> , Prof. EPFL SV ISREC UPGON 1015 Lausanne	KLS 02584-02-2010 Mechanisms of centrosome duplication: from model organism towards therapeutic opportunities	36	197'000
<b>Heim Markus Hermann</b> , Prof. Departement of Biomedicine University Basel 4031 Basel	KLS 02522-02-2010 Hepatocarcinogenesis in chronic hepatitis C	24	218'300
<b>Mullis Primus</b> , Prof. Dr. med. Paediatric Endocrinology, Diabetology & Metabolism University Children's Hospital Inselspital 3010 Bern	KLS 02586-02-2010 Risk of cancer and long-term mortality in children treated with Growth Hormone: Swiss participation in the EU FP7 project "SAGhE"	30	184'300
<b>Niggli Felix</b> , Prof. Dr. med. Onkologie Universitäts-Kinderklinik 8032 Zürich	KLS 02578-02-2010 Constitution of a national study centre for the European acute lymphoblastic leukaemia trial (AIEOP-BFM ALL 2009) on behalf of the Swiss paediatric oncology group (BFM-CH)	36	298'300
<b>Pabst Thomas</b> , PD Dr. med. Institut für Medizinische Onkologie Universität Bern Inselspital 3010 Bern	KLS 02520-02-2010 Transcriptional dysregulation of the myeloid key transcription factor CEBPA in human acute myeloid leukemia	36	349'100

<p><b>Petrova Tatiana</b>, Prof. Dr. Division of Experimental Oncology CHUV and UNIL 1066 Epalinges</p>	<p>KLS 02570-02-2010 Lymphatic endothelial calcineurin/NFAT signaling in tumor lymphangiogenesis and metastasis</p>	<p>36</p>	<p>198'300</p>
<p><b>Tschudin Sibil</b>, Dr. med. Frauenklinik Universitätsspital Basel 4031 Basel</p>	<p>KLS 02577-02-2010 Fertility preservation in young female cancer patients - assessment of needs regarding decision-making and development of a decision-aid</p>	<p>24</p>	<p>62'800</p>
<p><b>Zaugg Kathrin</b>, Dr. med. UniversitätsSpital Zürich 8091 Zürich</p>	<p>KLS 02569-02-2010 Elucidating the role of the hypoxia-protective gene CPT1C (Carnitine Palmitoyl-transferase 1C) in carcinogenesis</p>	<p>12</p>	<p>78'000</p>

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<b>Candidat/e</b>	<b>Numéro du projet</b> <b>Titre du projet</b>	<b>Durée</b> (mois)	<b>Montant</b> (CHF)
<b>Baumann Michael</b> , Dr. med. Onkologie/Brustzentrum Kantonsspital St. Gallen 9007 St.Gallen	BIL KLS 02589-02-2010 Treatment of naive and fludarabine-refractory CLL in the TCL-1 mouse model with IPI-926 and other hedgehog pathway inhibitors  Destination: Laboratory of Molecular Biology and Immunology of Cell, University of Cologne, Germany	6	28'750
<b>Bohanes Pierre</b> , Dr. Department of Medical Oncology University of Southern California / Norris Cancer Center USA -Los Angeles	BIL KLS 02591-02-2010 Intratumoral gene expression and germline polymorphism of patients with gastric cancer treated with chemoradiation in the Southwest Oncology Group protocol (SWOG) 9008  Destination: University of Southern California/NorrisCancer Center USA-Los Angeles	12	53'500
<b>Wirth Johann Gregory</b> , Dr. Hopitaux Universitaires de Genève 1211 Genève	BIL KLS 02593-02-2010 Apoptosis resistance in prostate cancer, with a focus on the use of patient tissue samples  Destination: Massachusetts General Hospital/Harvard Medical School, USA-Bosten	12	41'000

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<i>Responsable de la recherche Institut</i>	<i>Numéro du projet Titre du projet</i>	<i>Durée (mois)</i>	<i>Montant (CHF)</i>
<b>Becher Burkhard</b> , Prof. Dr. rer. nat. Dept. Pathology University Hospital of Zurich 8057 Zürich	KFS 02441-08-2009 Cellular and molecular characterization of IL-12-mediated tumor suppression	24	203'000
<b>Bouchardy Christine</b> , Prof. Dr. med. Vice-president of National Institute for Cancer Epidemiology and Registration (NICER) Registre Genevois des Tumeurs 1205 Genève	KFS 02544-02-2010 Impact of genetic factors in breast cancer occurrence, treatment and outcome using population-based data from the first Familial Breast Cancer Registry in Switzerland	24	315'900
<b>Bourquin Jean-Pierre</b> , Dr. med. Abteilung Onkologie Universitäts-Kinderspital 8032 Zürich	KFS 02583-02-2010 Comprehensive analysis of the cell surface proteome of childhood refractory ALL for identification of new diagnostic and therapeutic targets	24	238'000
<b>Carbone Giuseppina</b> , Dr. Laboratory of Experimental Oncology IOSI 6500 Bellinzona	KFS 02573-02-2010 Deregulated ETS Transcriptional Network and Clinical Implications for Prostate Cancer Progression	36	305'100
<b>Clough-Gorr Kerri</b> , Dr. Institute of Social and Preventive Medicine (ISPM) University of Bern 3012 Bern	KFS 02553-02-2010 Swiss National Cohort and the National Institute for Cancer Epidemiology and Registration - SNC-NICER Cancer Epidemiology Study, 1990-2008	36	381'300
<b>Dufour Jean-François</b> , Prof. Dr. med. Institut für Klinische Pharmakologie Universität Bern 3010 Bern	KFS 02541-02-2010 Hepatocarcinogenic roles of mTOR, raptor and rapamycins in absence of Pten	36	202'200

<b>Gruber Günther</b> , PD Dr. med. Institut für Radiotherapie Klinik Hirslanden 8032 Zürich	KFS 02527-02-2010 BIG 3-07: a randomised phase III study of radiation doses and fractionation schedules for ductal carcinoma in situ (DCIS) of the breast	36	150'700
<b>Hynes Nancy</b> , Prof. Dr. Friedrich Miescher-Institut (FMI) 4058 Basel	KFS 02528-02-2010 Reciprocal cross-talk between low-density lipoprotein receptor-related protein 1 and receptor tyrosine kinases: implications for modulating in vitro and in vivo properties of breast tumor cells	24	183'100
<b>Michielin Olivier</b> , Prof. Molecular Modelling Group Swiss Institute of Bioinformatics 1015 Lausanne	KFS 02555-02-2010 Rational design of anti-MART-1 TCR sequences for adoptive transfer immunotherapies	36	304'500
<b>Pruschy Martin</b> , Prof. Dr. Klinik und Poliklinik für Radio-Onkologie UniversitätsSpital Zürich 8091 Zürich	KFS 02551-02-2010 Differential response to proton versus photon radiotherapy: biological implications for new indications and combined treatment concepts	36	303'700
<b>Schär Primo</b> , Prof. Department of Biomedicine Universität Basel 4058 Basel	KFS 02585-02-2010 DNA Repair, Epigenetic Stability, and CpG Island Hypermethylation in Colorectal Tumorigenesis	24	237'500
<b>Schorderet Daniel</b> , Dr. Institut de Recherche en Ophtalmologie 1950 Sion 4	KFS 02565-02-2010 Retinoblastoma: understanding its development for better treatment	36	197'000
<b>Thome-Miazza Margot</b> , Prof. Dept. de Biochimie Université de Lausanne 1066 Epalinges	KFS 02561-02-2010 Analysis of the role of the protease MALT1 in human lymphomas	36	198'300
<b>Widmann Christian</b> , Prof. Department of Physiology University Lausanne 1005 Lausanne	KFS 02543-02-2010 The 317-326 sequence of RasGAP as potential anti-metastatic agent	36	205'300

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<b>Cornaz Sandrine</b> 1820 Montreux	MD-PhD 02607-06-2010 SAMW MD-PhD Stipendium Mechanisms that regulate primary cell genetic reprogramming and differentiation by sarcoma-associated fusion genes  Destination: CHUV, Institute of Pathology, Lausanne	36	180'533
<b>Essig Stefan</b> 4056 Basel	MD-PhD 02606-06-2010 SAMW MD-PhD Stipendium Transition from paediatric to adult care for childhood cancer survivors  Destination: University of Bern, Dept. of Social and Preventive Medicine, Bern	36	180'533
<b>Omlin Aurelius, Dr. med.</b> Onkologie / Hämatologie Kantonsspital St.Gallen 9007 St.Gallen	BIL KFS 02592-02-2010 A prospective comparison of three different methods of Circulating Tumor Cell (CTC) isolation and characterization utilizing multi- colour immunofluorescence (IF) and fluorescent in-situ hybridization (FISH) in advanced cancer patients  Destination: Royal Marsden Hospital, GB- Surrey	24	136'000
<b>Suvà Mario, Dr</b> Institute of Pathology 1011 Lausanne	BIL KFS 02590-02-2010 Role of the polycomb group protein EZH2 in glioblastoma cancer stem cells  Destination: Massachusetts General Hospital/Harvard Medical School, USA-Boston	24	104'300

# Programmforschung (1. Semester)

## Projets de recherche commun (1<sup>er</sup> semestre)

### Collaborative Cancer Research Projects (CCRP)

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<b>Candidat/e</b>	<b>Numéro du projet Titre du projet</b>	<b>Durée (mois)</b>	<b>Montant (CHF)</b>
<p><b>Rüegg Curzio</b>, Prof. Dr. med. Division of Experimental Pathology 1700 Fribourg</p> <p>Together with: <b>Christofori Gerhard</b>, Prof. Dr. Institut für Biochemie und Genetik Universität Basel 4058 Basel</p> <p><b>Imhof Beat A.</b>, Prof. University of Geneva 1211 Genève 4</p> <p><b>Rochlitz Christoph</b>, Prof. Klinische Onkologie Universitätsspital Basel 4031 Basel</p> <p><b>Sessa Cristiana</b>, PD Dr. Istituto Oncologico della Svizzera Italiana (IOSI) 6500 Bellinzona</p> <p><b>Stupp Roger</b>, Dr. Multidisciplinary Oncology Center CHUV 1011 Lausanne 36 1'325'600</p>	<p>KFP OCS 01812-12-2005 / Prolongation Tumor-mediated mobilization of bone marrow cells: implications in tumor angiogenesis, lymphangiogenesis and metastasis, and disease monitoring</p>	24	883'900