

# Forschungsprojekte 2008

## Projets de recherche 2008

Unterstützt von: / Soutenus par:



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

| <b>Projektverantwortliche/r<br/>Institut</b>   | <b>Projektnummer<br/>Projekttitel</b>  | <b>Dauer<br/>(Monate)</b> | <b>Betrag<br/>(CHF)</b>  |
|--|--|---------------------------|--------------------------|
| <i>Responsable de la recherche<br/>Institut</i>  | <i>Numéro du projet<br/>Titre du projet</i>  | <i>Durée<br/>(mois)</i>   | <i>Montant<br/>(CHF)</i> |
| <b>Baege Astrid</b> , Dr. med.<br>UniversitätsSpital Zürich<br>Klinik für Gynäkologie<br>8091 Zürich   | KLS 02220-02-2008<br>The role of adult stem cells in HPV-associated carcinogenesis: identification of the HPV target cell capable of driving viral persistence | 24                        | 220'100                  |
| <b>Baudis Michael</b> , Dr. med.<br>University of Zurich<br>Institute of Molecular Biology<br>8057 Zürich  | KLS 02179-02-2008<br>Oncogenomic pattern detection in B-cell non-Hodgkin lymphomas for pathway description and disease classification                          | 36                        | 170'800                  |
| <b>De Libero Gennaro</b> , Prof. Dr.<br>Universitätsspital Basel<br>Experimental Immunology<br>Dept. of Biomedicine<br>4031 Basel                                    | KLS 02211-02-2008<br>Lipid-specific T-cells against leukaemic blasts   | 18                        | 159'500                  |
| <b>Detmar Michael</b> , Prof.<br>ETH Zürich<br>Institute of Pharmaceutical<br>Sciences<br>8093 Zürich  | KLS 02182-02-2008<br>Lymphatic cancer metastasis - a new therapeutic target  | 36                        | 330'900                  |
| <b>Fischer Susanne</b> , Dr. des. phil.<br>Center for Health Sciences<br>School of Health Professions<br>Zurich<br>University of Applied Sciences<br>8401 Winterthur | KLS 02198-02-2008<br>Information needs of patients with curable adenocarcinoma of the prostate and professionals' opinions: an international study (INEPAP)    | 17                        | 155'800                  |
| <b>Gautschi Oliver</b> , Dr. med.<br>Inselspital Bern<br>Klinik für Medizinische Onkologie<br>3010 Bern  | KLS 02164-02-2008<br>Regulation of Id1 expression by Src in cancer: clinical implications  | 24                        | 218'200                  |

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| <p><b>Gönczy Pierre</b>, Prof.<br/> Institut Suisse de Recherche<br/> Expérimentale sur le Cancer<br/> (EPFL SV ISREC)<br/> 1066 Epalinges</p>                              | <p>KLS 02160-02-2008<br/> Uncovering novel mechanisms regulating cell<br/> division timing using <i>C. elegans</i></p>                  | 36 | 187'800 |
| <p><b>Hynes Nancy</b>, Prof. Dr.<br/> Friedrich Miescher Institute<br/> for Biomedical Research (FMI)<br/> 4058 Basel</p>   | <p>KLS 02187-02-2008<br/> Characterisation of the role of PN-1 in breast<br/> cancer and its potential as a therapeutic<br/> target</p> | 6  | 47'600  |
| <p><b>Kuehni Claudia E.</b>, Dr. med.<br/> Swiss Childhood Cancer Registry<br/> Institute of Social and Preventive<br/> Medicine<br/> University of Bern<br/> 3012 Bern</p> | <p>KLS 02224-03-2008<br/> Childhood cancer and nuclear power plants<br/> in Switzerland: A census-based cohort study<br/> (CANUPIS)</p> | 24 | 420'000 |
| <p><b>Meraldi Patrick</b>, Prof.<br/> ETH Zürich<br/> Institut of Biochemistry<br/> 8093 Zürich</p>   | <p>KLS 02185-02-2008<br/> Investigating the role of the spindle<br/> checkpoint protein Bub1 in cancer formation</p>                    | 24 | 234'100 |
| <p><b>von der Weid Nicolas-Xavier</b>,<br/> PD Dr. med.<br/> Centre Hospitalier Universitaire<br/> Vaudois (CHUV)<br/> Unité d'Héματο-Oncologie péd.<br/> 1011 Lausanne</p> | <p>KLS 02215-02-2008<br/> Long-term outcome of childhood cancer:<br/> incidence and spectrum of late effects</p>                        | 24 | 285'900 |

# Stipendiengesuche 2008

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| <b>Gesuchsteller/In</b>   | <b>Projektnummer<br/>Projekttitel</b>  | <b>Dauer<br/>(Monate)</b> | <b>Betrag<br/>(CHF)</b>  |
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| <b>Candidat/e</b>   | <b>Numéro du projet<br/>Titre du projet</b>  | <b>Durée<br/>(mois)</b>   | <b>Montant<br/>(CHF)</b> |
| <b>Medinger Michael</b> , Dr. med.<br>University Hospital Basel<br>Hematology<br>4031 Basel               | BIL KLS 02216-02-2008<br>Angiogenesis in Myeloproliferative Diseases<br><br>Destination: Medical University, Laboratory<br>for Tumor Biology and Angiogenesis,<br>A-Innsbruck                        | 24                        | 60'000                   |
| <b>Pesenti Claudia</b><br>Ospedale la Carità<br>Servizio Cure Palliative-IOI<br>6600 Locarno              | BIL KLS 02217-02-2008<br>Together against pain (Master of Science in<br>Palliative Care)<br><br>Destination: University of London, King's<br>College, UK-London                                      | 12                        | 23'200                   |
| <b>Theocharides Alexandre</b> , Dr.<br>University Hospital Basel<br>Experimental Hematology<br>4031 Basel | BIL KLS 02218-02-2008<br>Identification of MicroRNAs regulating<br>leukemic stem cells<br><br>Destination: University of Toronto,<br>Department of Medical Genetics and<br>Microbiology, CAN-Toronto | 24                        | 98'400                   |

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Federazione Svizzera contro il cancro  
Swiss Federation against Cancer

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| <b>Beermann Friedrich, Dr.</b><br>Institut Suisse de Recherche<br>Expérimentale sur le Cancer<br>(ISREC)<br>School of Life Sciences, EPFL<br>1066 Epalinges | OCS 02272-08-2008<br>Candidate genes implicated in melanoma -<br>genetic and developmental in vivo analysis  | 36                        | 191'800                  |
| <b>Bernhard Jürg, Prof. Dr. phil.</b><br>Department of Medical Oncology<br>Inselspital<br>Universitätsspital Bern<br>3010 Bern                              | OCS 02232-04-2008<br>Erythropoiesis-stimulating factors and quality<br>of life in cancer patients: individual patient<br>data meta-analysis based on randomized<br>controlled trials   | 12                        | 158'600                  |
| <b>Bertoni Francesco, Dr.</b><br>Experimental Oncology<br>Oncology Institute Southern<br>Switzerland<br>6500 Bellinzona                                     | OCS 02296-08-2008<br>Genomic alterations and immunogenetics of<br>richter's syndrome, a diffuse large B-cell<br>lymphoma subtype with very poor prognosis  | 24                        | 126'500                  |
| <b>Bohlius Julia, Dr. med.</b><br>University of Bern<br>Institute for Social<br>and Preventive Medicine<br>3012 Bern  | OCS 02146-10-2007<br>Individual patient data meta-analysis on the<br>effects of erythropoiesis-stimulating agents in<br>cancer patients  | 12                        | 128'100                  |
| <b>Bouchardy Christine,</b><br>PD Dr. méd.<br>Registre Genevois des Tumeurs<br>1205 Genève  | OCS 02070-04-2007<br>Epidemiological research on the impact of<br>genetic factors in breast cancer occurrence,<br>treatment and outcomes in Geneva using<br>population-based data from the first Familial<br>Breast Cancer Registry in Switzerland | 24                        | 342'900                  |

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| <b>Bron Luc, Dr.</b><br>Centre Hospitalier Universitaire<br>Vaudois (CHUV)<br>Service d'ORL et<br>chirurgie cervico-faciale<br>1011 Lausanne | OCS 02191-02-2008<br>Identifying targets for, as well as overcoming<br>barriers to, specific immunotherapy in human<br>head and neck squamous cell carcinoma   | 36 | 333'100 |
| <b>Bubendorf Lukas, Prof.</b><br>Institut für Pathologie<br>Universitätsspital Basel<br>4003 Basel   | OCS 02285-08-2008<br>Detection and isolation of novel gene fusions<br>in carcinomas by high-resolution genomic<br>profiling  | 24 | 227'100 |
| <b>Donda Alena, Dr.</b><br>Université de Lausanne<br>Dept. de Biochimie<br>1066 Epalinges  | OCS 02248-08-2008<br>CD1d-anti tumor bifunctional molecules to<br>redirect the innate and adaptive immune<br>responses to the tumor site   | 24 | 138'300 |
| <b>Egger Matthias, Prof. Dr. med.</b><br>Department of Social and<br>Preventive Medicine<br>University of Bern<br>3012 Bern                  | OCS 02288-08-2008<br>Cancer epidemiology in older adults:<br>population-based research of trends and<br>factors associated with cancer mortality in<br>Switzerland, 1990-2007  | 24 | 169'300 |
| <b>Forrer Flavio, Dr. med.</b><br>Universitätsspital Basel<br>Nuklearmedizin<br>4031 Basel   | OCS 02259-08-2008<br>Glucagon-like peptide 1 (GLP-1) receptor<br>targeting a novel method for cancer imaging:<br>Design, synthesis, preclinical and clinical<br>evaluation of radiolabelled GLP-1 chelator<br>conjugates | 24 | 107'000 |
| <b>Frattini Milo, Dr.</b><br>Istituto Cantonale di Patologia<br>Laboratorio di Diagnostica<br>Molecolare<br>6601 Locarno                     | OCS 02301-08-2008<br>Identification and characterization of<br>predictive molecular markers in colorectal<br>cancer patients treated with EGFR-targeted<br>therapies   | 36 | 195'000 |
| <b>French Lars E., Prof. Dr. med.</b><br>Universitätsspital Zürich<br>Dermatologische Klinik<br>8091 Zürich                                  | OCS 02293-08-2008<br>Studies on the role of inflammasome<br>activation and IL-1 beta in the pathogenesis<br>of melanoma  | 36 | 310'300 |
| <b>Heim Markus Hermann, Prof.</b><br>Universitätsspital Basel<br>Abteilung für Gastroenterologie<br>und Hepatologie<br>4031 Basel            | OCS 02192-02-2008<br>Hepatocarcinogenesis in chronic hepatitis C   | 24 | 245'200 |

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| <p><b>Hess Christoph, Dr.</b><br/> Universitätsspital Basel<br/> Hämatologie<br/> 4031 Basel</p>   | <p>OCS 02266-08-2008<br/> Innate immunity, cytokine polymorphisms, and development of post-transplant lymphoproliferative disease in kidney transplant recipients</p>   | 12 | 103'700 |
| <p><b>Hunger Robert, Dr.</b><br/> University of Berne<br/> Department of Dermatology<br/> Inselspital<br/> 3010 Bern</p>   | <p>OCS 02262-08-2008<br/> Malignant melanoma: Correlation of dendritic cell (DC)- and T-cell markers with prognosis</p>   | 12 | 91'500  |
| <p><b>Imhof Beat, Prof.</b><br/> Dept. of Pathology and Immunology<br/> Centre médical Universitaire<br/> 1211 Genève 4</p>  | <p>OCS 02260-08-2008<br/> Blocking tumor angiogenesis and invasion</p>  | 36 | 307'100 |
| <p><b>Lehr Hans-Anton, Prof. Dr.</b><br/> Centre Hospitalier Universitaire Vaudois (CHUV)<br/> Institut Universitaire de Pathologie<br/> 1011 Lausanne</p>           | <p>OCS 02209-02-2008<br/> Biomedical research on human tissues: in the twilight zone between autonomy and data protection. What do health professionals, patients and lay persons think about issues of consent and transparency in medical research, teaching and quality control?</p> | 24 | 240'400 |
| <p><b>Mamot Christoph, Dr. med.</b><br/> University Hospital Basel<br/> Division Oncology<br/> 4031 Basel</p>  | <p>OCS 02270-08-2008<br/> Prospective evaluation of the predictive value of PET in patients with diffuse large B-cell-lymphoma under R-CHOP-14, a multicenter study</p>   | 36 | 247'900 |
| <p><b>Matthias Patrick, Prof.</b><br/> Friedrich Miescher Institute for Biomedical Research (FMI)<br/> 4058 Basel</p>  | <p>OCS 02177-02-2008<br/> Role of the deacetylases HDAC1 and 2 for cell cycle progression in normal and cancer settings</p>   | 36 | 138'750 |
| <p><b>Nardelli Haefliger Danise,</b><br/> PD Dr. phil. II<br/> Institut de Microbiologie<br/> Centre Hospitalier Universitaire Vaudois (CHUV)<br/> 1011 Lausanne</p> | <p>OCS 02304-08-2008<br/> Combination of vaccination and administration of topical immunostimulants as immunotherapeutic approaches against early uro-genital cancers</p>   | 36 | 360'400 |
| <p><b>Peter Matthias, Prof.</b><br/> ETH Zürich<br/> Institut für Biochemie<br/> 8093 Zürich</p>   | <p>OCS 02189-02-2008<br/> Regulation of genome stability by Rtt101p/cullin4-based E3-ubiquitin ligases in yeast and mammalian cells</p>   | 24 | 229'400 |

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| <b>Petrova Tatiana</b> , Prof. Dr.<br>CePO Laboratory<br>Division of Experimental<br>Oncology<br>Lausanne Cancer Center<br>1066 Epalinges  | OCS 02263-08-2008<br>The role of the transcription factor Prox1 in<br>colon and lung tumorigenesis  | 36 | 399'400 |
| <b>Schäfer Beat</b> , Prof.<br>Universitäts-Kinderklinik<br>Abteilung für Onkologie<br>8032 Zürich   | OCS 02264-08-2008<br>Oncogenic fusion proteins as therapeutic<br>targets in pediatric sarcomas  | 24 | 200'600 |
| <b>Schär Primo</b> , Prof. Dr.<br>Universität Basel<br>Department of Biomedicine<br>4058 Basel   | OCS 02193-02-2008<br>The role of thymine DNA glycosylase in the<br>maintenance of genetic and epigenetic<br>stability and the suppression of<br>tumorigenesis | 24 | 283'400 |
| <b>Scorrano Luca</b> , Prof.<br>Université de Genève<br>Centre Medicale Universitaire<br>Dept. of Cell Physiology and<br>Metabolism<br>1201 Genève   | OCS 02213-02-2008<br>Exploring the role of mitochondria-shaping<br>proteins in apoptosis: novel therapeutic<br>targets to drive death of cancer cells         | 36 | 353'200 |
| <b>Sommer Lukas</b> , Prof. Dr. sc. nat.<br>Universität Zürich<br>Anatomisches Institut<br>Abt. Zell- und<br>Entwicklungsbiologie<br>8057 Zürich   | OCS 02256-08-2008<br>Neural crest development and cancer - the<br>role of neural crest stem cell-like melanoma<br>cells in metastasis                         | 36 | 338'400 |
| <b>Speiser Daniel</b> , Prof.<br>Division d'Onco-Immunologie<br>Centre Hospitalier Universitaire<br>Vaudois (CHUV)<br>Institut Ludwig de Recherche sur<br>le Cancer (ISREC)<br>Hôpital Orthopédique<br>1205 Lausanne | OCS 02279-08-2008<br>Immunotherapy of melanoma patients and<br>analysis of the regulation of tumor antigen-<br>specific CDA and CD8 T cells                   | 24 | 206'500 |
| <b>Stamenkovic Ivan</b> , Prof.<br>Centre Hospitalier Universitaire<br>Vaudois (CHUV)<br>Institut Universitaire de<br>Pathologie<br>1011 Lausanne  | OCS 02158-02-2008<br>Analysis of the molecular mechanisms<br>underlying the pathogenesis of Ewing's<br>family tumors  | 36 | 255'800 |
| <b>Wodnar-Filipowicz Aleksandra</b> ,<br>Prof. Dr.<br>University Hospital Basel<br>Department of Biomedicine<br>Laboratory of Experimental<br>Hematology<br>4031 Basel   | OCS 02175-02-2008<br>Immunotherapy of human leukemia with<br>natural killer cells: From bench to bedside  | 24 | 162'000 |

# Stipendiengesuche 2008

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**oncosuisse**

Fédération suisse contre le cancer  
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| <b>Gesuchsteller/In</b>  | <b>Projektnummer<br/>Projekttitle</b>  | <b>Dauer<br/>(Monate)</b> | <b>Betrag<br/>(CHF)</b>  |
|--|--|---------------------------|--------------------------|
| <i>Candidat/e</i>  | <i>Numéro du projet<br/>Titre du projet</i>  | <i>Durée<br/>(mois)</i>   | <i>Montant<br/>(CHF)</i> |
| <b>Balmer Maria Luisa</b><br>Universität Bern<br>Inselspital<br>Institut für Klinische<br>Pharmakologie<br>3010 Bern | MD-PhD 02240-07-2008<br>SAMW MD-PhD Stipendium<br>HINT1, HINT2 and Liver Cancer<br><br>Destination: Universität Bern, Inselspital,<br>Institut für Klinische Pharmakologie, Bern   | 36                        | 180'533.40               |
| <b>Fierz-Maerki Yvonne Carmen,</b><br>Dr.<br>Mount Sinai School of Medicine<br>USA - New York                        | BIL OCS 02311-08-2008<br>The investigation of the role of insulin in<br>promotion of breast cancer in type 2 diabetic<br>MKR mice<br><br>Destination: Mount Sinai School of Medicine,<br>Department of Medicine, New York, USA | 6                         | 21'000                   |
| <b>Teuffel Marc Oliver, Dr.</b><br>Canada-Toronto, Ontario   | BIL OCS 02310-08-2008<br>Clinical epidemiology<br><br>Destination: University of Toronto, The<br>Hospital for Sick Children, Toronto, CAN  | 18                        | 96'300                   |

# Programmforschung

## Projets de recherche commun

### Collaborative Cancer Research Projects (CCRP)

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Unterstützt von: / Soutenus par:



Fédération suisse contre le cancer  
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| <b>Projektverantwortliche/r<br/>Institut</b><br><br><i>Responsable de la recherche<br/>Institut</i>   | <b>Projektnummer<br/>Projekttitel</b><br><br><i>Numéro du projet<br/>Titre du projet</i>                                       | <b>Dauer<br/>(Monate)</b><br><br><i>Durée<br/>(mois)</i> | <b>Betrag<br/>(CHF)</b><br><br><i>Montant<br/>(CHF)</i> |
|---|--|--|---|
| <b>Hemmings Brian</b> , Dr.<br>Friedrich Miescher Institute<br>for Biomedical Research (FMI)<br>4058 Basel<br><br>Together with:<br><b>Bettler Bernhard</b> , Prof.<br>Institute of Physiology<br>Pharmazentrum<br>University of Basel<br>4056 Basel<br><br><b>Merlo Adrian</b> , Prof. Dr. med<br>Universitätsspital<br>4031 Basel | KFP OCS 01613-12-2004 / Prolongation<br>Development of molecular strategies for<br>therapeutic interference with glioblastomas | 24   | 800'000   |

# Programmforschung

## *Projets de recherche commun*

### International Clinical Cancer Research Group Projects (ICP)

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| <p><b>Sessa Cristiana</b>, PD Dr.<br/>Istituto Oncologico della Svizzera<br/>Italiana (IOSI)<br/>Ospedale San Giovanni<br/>6500 Bellinzona</p> <p>Together with:<br/><b>Cavalli Franco</b>, Prof.<br/>IOSI Medical Oncology<br/>Ospedale San Giovanni<br/>6500 Bellinzona</p> <p><b>Cerny Thomas</b>, Prof.<br/>Kantonsspital<br/>9007 St. Gallen</p> <p><b>Leyvraz Serge</b>, Prof.<br/>CHUV<br/>1011 Lausanne</p> <p><b>Mingrone Walter</b>, Dr. med.<br/>Zentrum für Onkologie<br/>Kantonsspital Aarau<br/>5001 Aarau</p> | ICP OCS 01687-03-2005 / Prolongation<br>Towards an independent and efficient<br>anticancer drug development in Switzerland:<br>potentiation of the Swiss SENDO Unit | 24                        | 400'000                  |
| <p><b>Maibach Rudolf</b>, Dr.<br/>International Breast Cancer Study<br/>Group (IBCSG)<br/>3008 Bern</p>  | ICP OCS 01688-03-2005<br>Academic research activity of the<br>International Breast Cancer Study Group<br>(IBCSG)  | 48                        | 791'510                  |