PhD position in Marie Curie Network RADIATE

14 PhD studentships are available across 7 European partners in an EU wide research project to advance our understanding of radiobiology to open novel routes for effective therapeutic intervention with biological targets to improve the outcome of cancer treatment. RADIATE will investigate the specific area of the effects of the tumour microenvironment leading to greater overall resistance and altering the immune response to the tumor.

A PhD Research opportunities exist in the groups of Prof Lambin in the Radiation Oncology department at Maastricht University as part of a large multicentric Marie Curie “International Training Network (ITN) named “Radiate” for period of 3 years. You will participate in international courses and work visit in labs and companies within the network (UK, France Germany Switzerland).

**Project** Preclinical research focussed on the therapeutic efficacy of immunocytokines combined with radiotherapy

In this position you will be responsible for carrying out basic and translational research focussed on the impact immunocytokine based therapy on tumour control, metastasis & conventional treatment sensitivity. You will pursue the research program together with Prof. Lambin, Dr. Dubois and Dr. Yaromina, the leaders of the project group. The overall hypothesis of this project is that radiotherapy sensitizes tumors to immunocytokine therapy resulting in long-lasting responses, even for tumors outside the irradiation field. Your work will involve therapy experiments with genetic models and unique drugs to test above hypothesis in vitro and in vivo.

**Important Eligibility criteria:** Early Stage Researchers (ESRs) must not have spent more than 12 months out of the past 36 months in the country of the host organisation.

Further information by Ludwig Dubois (ludwig.dubois@maastrichtuniversity.nl) and Philippe Lambin (philippe.lambin@maastro.nl).

websites: maastrolab and www.grow-um.nl.