



Lifelong Learning Programme

**LEONARDO DA VINCI PROGRAMME**  
**PEOPLE IN THE LABOUR MARKET**  
**MOBILITY**

## Leonardo da Vinci traineeship offer

**Host organisation: University of Birmingham, Birmingham, United Kingdom**

The University of Birmingham was established by Queen Victoria Royal Charter in 1900 and was the UK's first civic or 'redbrick' university. It consists of 5 colleges: Arts and Law, Engineering and Physical Sciences, Life and Environmental Sciences, Medical and Dental Sciences and Social Sciences.

The School of Cancer Sciences at the University of Birmingham is an internationally-renowned centre for translational cancer research and cancer education. It encompasses most of the academic and clinical cancer research within the University and includes the prestigious Cancer Research UK Birmingham Cancer Centre. The School also has a very strong representation from the overlapping disciplines of Clinical Trials, Pathology, Surgery and NMR. Cancer Sciences staff make an active contribution to MBChB and BMedSc degree courses and there is also a comprehensive postgraduate programme with opportunities for taught and research based study. Research Activity is focused in six major areas which span the natural history of cancer from cellular transformation through to development of evidence-based therapy: Biomarkers, Proteomics & NMR, Cancer Cell Biology, Cancer Genetics and Epigenetics, Clinical Trials, Tumour Immunology and Immune/Gene Therapy and Viral Oncology incl. EBV, human adenoviruses and papillomaviruses.

### **Local and temporal specification of the traineeship:**

Division/Department: School of Cancer Sciences, Birmingham, United Kingdom

Starting date (earliest possible): position open continuously

Starting date (latest possible):

Duration: 6 months

Working hours: 40/week

### **Training content (activities/tasks):**

- ✓ Training in laboratories engaged in cancer research/Viral Oncology (e.g. training in laboratory studies (PCR, western blotting, tissue culture), bioinformatics etc.)
- ✓ Subsequent participation in a short 15 week research project. Indicative projects are:
  - 1) A bioinformatics analysis of glioblastoma
  - 2) An investigation of the contribution of the macrophage migration inhibitory factor to the pathogenesis of EBV-associated lymphomas
  - 3) Developing epigenetic therapies for acute myeloid leukaemia
- ✓ Preparation of a written report summarising the work done which the trainee shall orally present to the whole team

### **Required profile of the candidates:**

- ✓ **University graduates** with biological sciences degree
- ✓ Excellent laboratory skills and knowledge of biological sciences
- ✓ Good spoken and written English language
- ✓ Highly motivated

Further, applicants must meet the following criteria:

- ✓ Graduates of Palacky University in Olomouc
- ✓ Date of graduation: no more than 1,5 year ago
- ✓ You have not carried out a Leonardo da Vinci traineeship, mobility of people in the labour market (PLM) yet
- ✓ Permanent residence or perspective employment in the Central Moravia region is advantage

**Remuneration:**

- ✓ financial support – 700 EUR/month
- ✓ contribution in kind (e.g. accommodation, public transport, meals etc.) – in the value of 0 EUR/month

Note: beside possible financial support and/or contribution in kind provided by the host organisation, the selected candidate shall receive a Leonardo da Vinci grant. The grant shall be allocated in the max. amount of up to a 3-month scholarship (monthly rate being max. 700 EUR).

**Please send your application documents (CV and cover letter in English language) to [p.g.murray@bham.ac.uk](mailto:p.g.murray@bham.ac.uk) at least two months before the planned start.**