



Charles University in Prague, 1st Faculty of Medicine

*Academic research is all about to
change*

1348: University

**Charles IV, King of Bohemia,
Emperor of Holy Roman Empire**

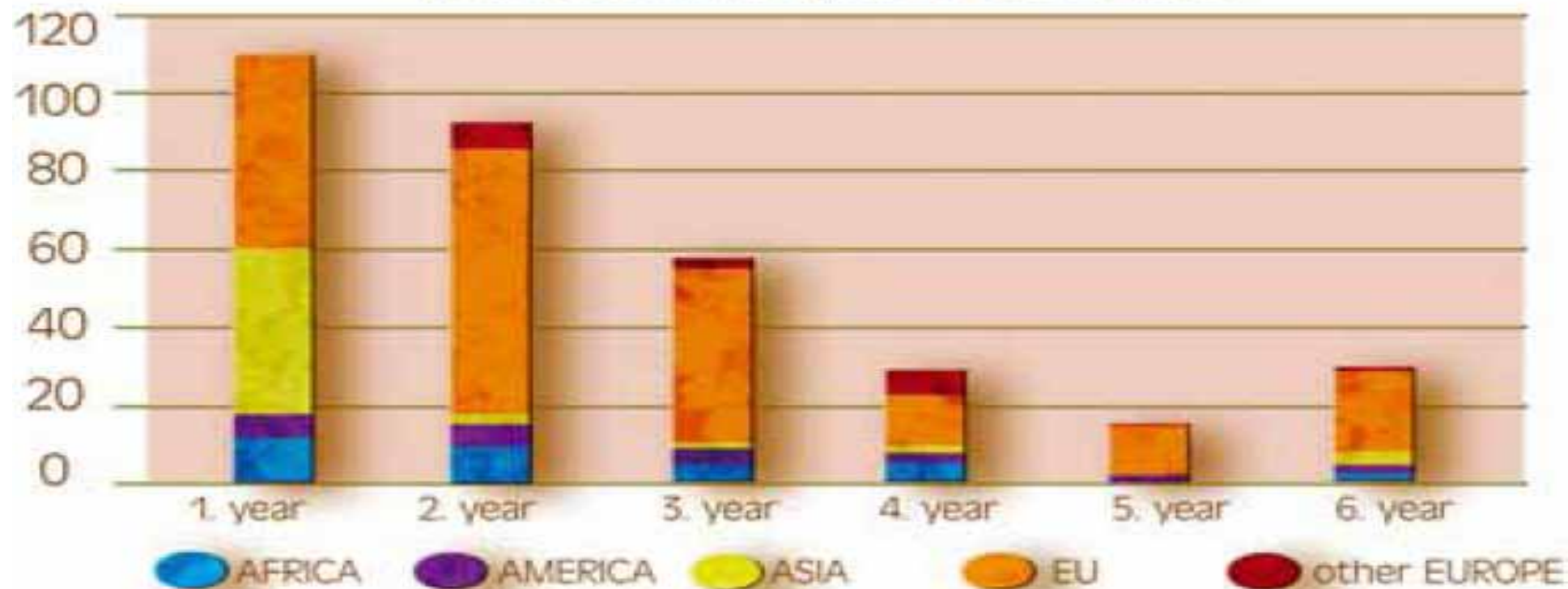
2007: Faculty of Medicine

1200 staff members

3400 students



Students in English-taught programmes in the academic year of 2006-2007



year	total	EU	other Europe	America	Asie	Africa
1	114	52	0	4	41	17
2	96	69	6	6	3	12
3	60	46	2	4	2	6
4	28	14	4	2	2	6
5	12	10	0	2	0	0
6	34	25	1	2	4	2
total	344	216	13	20	52	43

Diplomas registered

EU

South Africa

Botswana

Australia

Malaysia

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We seek for talents accross the world

Leading Edge Research Facilities

Genomics

Proteomics

Advanced microscopic techniques

Cell cultures, transgenes, GMO

Laboratory animal facilities

Registered clinical trials

Science is future of all of us

Research Topics

Molecular biological, genetic and epigenetic aspects of development of model tumors. Relation to epidemiology, early diagnostics and therapy

Metabolic, endocrine and genetic aspects of the prevention, diagnosis and therapy of cardiovascular, cerebrovascular and renovascular diseases

Neuropsychiatric aspects of neurodegenerative diseases

Inherited metabolic diseases

The Center of Experimental Hematology

Survey of international projects solved at the Faculty in 2006

Name of the project	Type of instrument
Congenital disorders of Glycosylation: a European network for the advancement of research, diagnosis and treatment of a growing group of rare disorders (EUROGLYCANET)	6 th Framework Programme
Translating molecular knowledge into early breast cancer management building on the BIG network for improved treatment tailoring - TRANSBIG	6 th Framework Programme
Rational treatment strategies combating Mitochondrial Oxidative Phosphorylation Disorders (EUMITOCOMBAT)	6 th Framework Programme
European Mantle Cell Lymphoma Network: Translational determination of molecular prognostic factors and pharmacogenomics in a European interdisciplinary collaboration (MCL network)	6 th Framework Programme
Measuring Health and Disability in Europe: supporting policy development (MHADIE)	6 th Framework Programme
Closed Loop Insulin Infusion for Critically Ill Patients (CLINICIP)	6 th Framework Programme
Dynamic Interactive Chemical Biology and Biomedicine (DYNAMIC)	6 th Framework Programme
Improving Knowledge and Decision Support for Healthy Lifestyles (HEALTH PLUS)	6 th Framework Programme
Neutralizing antibodies on Interferon beta in Multiple Sclerosis	6 th Framework Programme
Towards the development of an effective enzyme replacement therapy for human Alpha-mannosidosis (HUEMAN)	6 th Framework Programme
European Network for research on alternating hemiplegia in childhood for promoting SMEs integration (ENRAH)	6 th Framework Programme
Co-ordination action on Indoor Air Quality and Health Effects (ENVIE)	6 th Framework Programme
Development of public health indicators for reporting environmental occupational risks related to agriculture and fishery (DIRERAF)	European Commission – Health & Consumer
Improving the sexual and reproductive health of persons living with HIV in Europe (EUROSUPPORT)	European Commission – Health & Consumer
Cystathionine beta-synthase deficiency: a conformational disorder in the transsulphuration pathway of homocysteine metabolism	Wellcome Trust
Chromosome dynamics and organization across the cell cycle	Wellcome Trust
National-level educational program in geriatric medicine for primary care physicians in the Czech Republic	Merck Institute

Project and contract based international collaborations: Academic and Industrial

Belgium

Denmark

Germany

Austria

Great Britain

Hungary

Italy

Netherlands

Slovakia

Spain

Sweden Switzerland

Ireland

Brasil

Japan

Israel

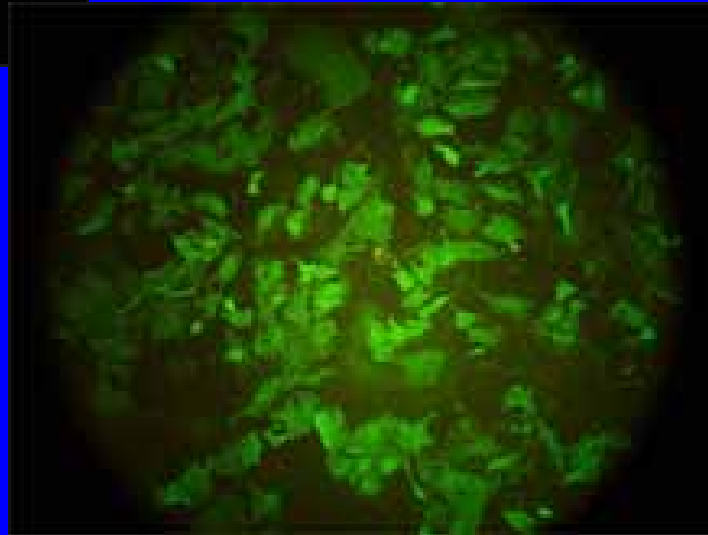
Canada

USA

Australia



Quality to be cultured



Expression to be Stimulated

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