

# Technology transfer system at University of Rijeka

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For successful Technology Transfer System there are 2 main preconditions:

- **Infrastructural** preconditions, and
- **Regulative** preconditions.

The base for technology/knowledge transfer activities are Intellectual Property Rights (**IPRs**).

## University of Rijeka Technology Transfer Infrastructure:

- **University of Rijeka (11 Faculties, 4 Departments);**
- **University of Rijeka Technology Transfer Office (TTO);**
- **Science and Technology Park (Step Ri).**

## Regulative documents and policies:

- **UoR Strategy;**
- **UoR Innovation Strategy;**
- **UoR Intellectual Property Management Policy;**
- **UoR Regulation on Intellectual Property Management;**
- **Competence/Knowledge database.**

## Technology Transfer Office:

- was established in March 2009 within Science and Technology Project (STP) financed by the World Bank;
- is an organizational unit of the UoR Rectorate;
- is an important link between academia and industry, acting in synergy with UoR Science and Technology Park (Step Ri).

## **Technology Transfer Office Mission:**

To extract the fair market value of the University intellectual property and to stimulate creation of future viable IP by using the best business practices for the benefit of the University, its components (faculties and departments), staff and community.

## Technology Transfer Office goals:

- to create the university environment that encourages generation of new knowledge;
- to motivate development and dissemination of intellectual property created at UoR through IP management and administrative assistance;
- to provide an organizational structure and procedures through which research results may be prepared for protection and commercialization;

- to determine the rights and obligations of the University and creators of intellectual property (researchers);
- to ensure that the financial returns from IP
- commercialization do not distort decisions and operations at the University in a manner contrary to the University mission

The role of TTO is to screen, evaluate, protect and, in collaboration with STeP, commercialize IP generated at the University.



## TTO **procedure regarding IP protection** and commercialization:

- Expression of an interest from the researcher/inventor;
- Signing an NDA between TTO and researcher/inventor;
- Invention disclosure;
- Invention evaluation;
- Invention protection with appropriate form of IP protection;
- IP commercialization.

## Science and Technology Park (Step Ri)

- was established in 2008 within TECHRO project financed by BICRO (Croatian Business Innovation Agency) in accordance with the Ministry of Science, Education and Sports;
- in majority owned by the University of Rijeka;
- range of services offered revolve around three programs: IP transfer, licensing and incubation.

# Support program for technology transfer offices – TTO Program

- TTO Program is financed by the World Bank loan and implemented by the Croatian Agency for SMEs, Innovation and Investments
- 4 projects are approved for UNIRI TTO (total value 170.000 eur):
  1. **Functional Endoscopic Sinus Surgery Training Model**
  2. **Immunotoxin for the treatment of glioblastoma multiforme**
  3. **New feature for enhancing the level of objectivity in specific field using ultrasound diagnostics**
  4. **Monoclonal antibody bank to viral and cellular proteins.**

# Functional Endoscopic Sinus Surgery Training Model

- Team: Multidisciplinary team consisting of professors and surgeon from School of Medicine and Technical faculty (Team Leader: Darko Manestar Ph. D.)
- Solution for: Enhancement of a learning process for anatomy of head and sinus surgery practice
- The model has been prototyped





- Protected as industrial design and registered as a trademark *Fess Slices*
- A positive review from the CRO Agency for Vocational Education and Training and Adult Education in 2014 and the right to be officially listed on a teaching aid list
- Published as an article: The applicability of the "3D fess slices" anatomical model of the nasal cavity and paranasal sinuses in teaching anatomy, *Fluminensis Medicine* 2014, Vol 50, No.2, pp. 219-226
- Lectured at the 6th Symposium of Clinical Anatomists in Malinska (6th ISCA), June 28th, 2014 and offered on the market

# E-glas Ltd.

- A spin-off company
- Invention: Voice controlled home automation system (value offer: comfort or independence to physically disabled people)
- Team leader: Miroslav Vrankic, Ph. D (Faculty of Engineering Rijeka)
- The company was established in 2008
- Incubated 3 years (after that – off park incubation)



- Award winner at Balkan Venture Forum
- Winner at PYMWYMIC Impact Days 2013 in Amsterdam
- 50.000 EUR grant from Croatian Government
- Scholarship for SOCAP13 in San Francisco
- Invited to pitch at EVPA Conference in Geneva
- Other (IRP Academy 2013 in Vienna; CEE Impact Day in Vienna)



## CapRi – Center for monoclonal antibody production

- A Centre was established within the Centre for Proteomics at the University of Rijeka School of Medicine; Unique collection of validated antibodies available for non-exclusive licensing at [www.products.capri.com.hr](http://www.products.capri.com.hr);
- 3 license agreements already realized;
- 3 license agreements in a negotiation phase.



# Thank you!

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