

## **Univ. Prof. Dr. med. Herbert ZECH**

### **Professional career:**

#### **2010**

Graduate degree from Harvard Business School: Executive Management Education: Owner/President Management Program (OPM): Alumnus of HBS

#### **2008**

Institute for Reproductive Medicine and Genetics, Carlsbad/Czech Republic – opening in January 2008

Brussels/Belgium: Information center for couples wishing to have a child – currently being established

IMA-Systems Informations Technology GmbH (Innovative Medical Applications) – foundation of software company for medical applications with integrated communications and quality management tool especially designed for physicians and hospitals

#### **2007**

Establishment of the German Information Center for couples wishing to have a child (KID) in Ottobrunn near Munich. This opening set new standards in providing information for couples suffering from infertility.

IVF Centers Prof. Zech, Bregenz – expansion of the premises. The Bregenz-based institute which is currently the largest of the IVF Centers Prof. Zech was extended once again and currently amounts to more than 1000 m<sup>2</sup> offering the couples a pleasurable ambience to feel comfortable.

Implementation of the European Union Directive, EU 2004/23/EC of March 2004 (EU-directive regulating the quality and safety standards for donation, procurement, transportation, preservation, storage, treatment and testing of human tissue and cells)

As one of the first institutes in Europe we have successfully implemented the requirements of the new EU guidelines. This was a further milestone on the way to maximum quality in all areas of the IVF centers.

Europe's biggest IVF children's festival. We join our "children" and their families in a celebration of joy. We are happy that, through our contribution to date more than 13.000 children have been born. This year's charity festival is themed "IVF children help street children". The proceeds are donated to charities providing care for disadvantaged children.

#### **2006**

Founding shareholder of Pantec Biosolutions AG in Ruggell – Principality of Liechtenstein (see [www.pantec-biosolutions.com](http://www.pantec-biosolutions.com))

**2005**

On the occasion of the 6<sup>th</sup> “International Symposium on Preimplantation Genetics” in London, Prof. Herbert Zech was honored by Prof. Robert G. Edwards, the “father” of the first “IVF baby” and Prof. Yuri Verlinsky as head of the “Reproductive Genetics Institute” in Chicago and president of the “Preimplantation Genetic Diagnosis International Society”.

Foundation of the Institute for Reproductive Medicine and Endocrinology – Salzburg

**2004**

Large-scale expansion of the premises in Bregenz

**2003**

Foundation of the Institute for Reproductive Medicine and Endocrinology – Pilsen/Czech Republic

President of the Austrian Society for Reproductive Medicine and Endocrinology

**2002**

Foundation of the Institute for Reproductive Medicine and Endocrinology –  
Niederuzwil/canton St. Gallen/Switzerland

**2001**

Foundation of the Institute for Reproductive Medicine and Endocrinology – Merano/Italy

**1999**

Conferral of honorary title “Ausserordentlicher Universitätsprofessor” by the Austrian Federal President

**1997**

Certification of the Institute for Reproductive Medicine and Endocrinology according to EN-ISO 9001. This was the first time worldwide that an institute/clinic for reproductive medicine has been certified according to this standard.

**1994**

Habilitation in the field of gynecology and obstetrics specializing in reproductive medicine

**1988**

Foundation of the Institute for Reproductive Medicine and Endocrinology in Bregenz, the first of its kind in Austria

**End of 1984**

Taking-up medical work in Bregenz: Reproductive medicine

**1984**

Head physician – University Women’s Hospital, Innsbruck

**1982-1983**

Research period in the USA (Fulbright scholarship)

**1982**

Specialist for gynecology and obstetrics

**1978**

Specializing in gynecology and obstetrics, University Women's Hospitals, both Graz and Innsbruck

**1975**

Degree of Doctor of Medicine, University of Innsbruck, internship Feldkirch Regional Hospital

**Patents:**

- "Device with a chamber for receiving an egg released from a human ovary for further development in the womb" (Austrian patent: document No. 379073)
- "Process for producing cell lines and organs by means of cells that are able to differentiate"
- "Methods and Composition for Completing Treatments to Eradicate Neoplastic Cells"
- "Harvesting cells from peripheral blood in order to perform preimplantation genetic diagnosis"
- "Culturing cells from autologous cord blood serum"
- "Business model for the banking of adult stem cells either autologous or allogeneic"
- > 10 patents for the transdermal application of large molecules using laser technology (Pantec Biosolutions AG)

**Research and teaching:****1999**

Conferral of honorary title "Ausserordentlicher Universitätsprofessor" by the Austrian Federal President

**1994**

Habilitation in the field of gynecology and obstetrics, specializing in reproductive medicine at Innsbruck University

**1990**

Teaching practice for reproductive medicine and endocrinology / Bregenz

**1982 – 1983**

Senior Research Fellow, Department of Obstetrics and Gynecology, Hormone Receptor Laboratory  
University of Louisville / Kentucky – USA

**1979 – 1984**

University assistant / head physician, University Women's Hospital in Graz (1979-1981) and University  
Women's Hospital in Innsbruck (1982-1984)

**Important milestones:****1986**

Personal commitment and on-site training of a medical team from the UdSSR (Moscow) together with  
MTA Annerose Zech and another assistant of the Zech institute – resulting in the first pregnancy  
achieved by IVF in the former UdSSR

**1985**

Bregenz: First pregnancies achieved by IVF in Northern Italy, Southern Germany (Bavaria and Baden-  
Württemberg), Switzerland, Salzburg and Vorarlberg

Due to the personal commitment of Univ. Prof. Dr. Herbert Zech, MTA Annerose Zech and another  
assistant a pregnancy had been achieved in Budapest/Hungary

**1983**

Since 1983 he has been a pioneer in IVF

Among the first 50 pregnancies obtained globally by in vitro fertilization were those achieved by Univ.  
Prof. Dr. Herbert Zech using IVF techniques.

Prof. Zech at the University Women's Hospital, Innsbruck: In 1983 the first pregnancy was achieved in  
Tyrol, second successful IVF center in Austria.

Austria was among the first five countries worldwide to successfully perform IVF.