

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 doctors 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 unwanted childlessness.

IVF Center Prof. Zech, Bregenz – extension 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 m² 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)

2005

On the occasion of the sixth “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 extension of the institute 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” (adjunct university professor) 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, Graz and Innsbruck, respectively

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" (adjunct university professor) 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 Gynaecology, 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 instruction of the UdSSR team (Moscow) together with MTA Annerose Zech
and another assistant of the Zech institute on site in Moscow, first pregnancy achieved by IVF

1985

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

Due to the outstanding 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 artificial insemination 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 five first countries worldwide to successfully perform IVF