



Dr. med. Gaston De Bernardis

Paediatric surgery, FMH member

Languages

IT,DE,EN,FR

Work Experience

- since 2018 Consultant Pediatric Surgery, Department of Pediatric Surgery, Kantonspital Aarau, Switzerland
- 2015–2020 Consultant Pediatric Surgery 70%, Department of Pediatric Surgery, Ospedale San Giovanni Bellinzona, Switzerland
- 2015–2020 Research Fellow 30%, IOR, IOSI, Bellinzona, Lab. Dr. Andrea Alimonti
Microrobotic dilatation of UPJ obstruction in the pUUO mouse model
collaboration with the Multiscale Robotics Laboratory ETH Zurich, Prof. Bradley Nelson
- 2013–2015 Consultant Pediatric Surgery, Clinical Fellowship Pediatric Urology, Hôpital Necker Enfants Malades Paris, France
Department of Pediatric Surgery, Prof. Dr. med. Yves Aigrain
On call duties as a part of the transplantation team. Hôpital Necker Enfants Malades Paris, Prof. Dr. med. Christoph Chardot, Dr. med Carmen Capito
- 2013–2015 Research Fellowship, INSERM 1151, Paris, France. Lab Dr. med. PhD Fabiola Terzi: Phenotype and genotype description of cUUO and pUUO in different mice strains
- 2009–2013 Consultant Pediatric Surgery, Department of Pediatric Surgery, University Children's Hospital Basel, Switzerland, Prof. Dr. med. Johannes Mayr
- 2008 Resident Urology, Division for Urology, University Hospital Bern (Inselspital), Switzerland Prof. Dr. med. Urs Studer
- 2006–2007 Resident Pediatric Surgery, Department of Pediatric Surgery, University Children's Hospital Zurich, Switzerland, Prof. Dr. med. Martin Meuli
- 2005 Resident Surgery, Department of Surgery, Hôpital Cantonal Fribourg, Switzerland Prof. Dr. med. Lukas Krähenbühl
- 2004 Resident Surgery, Department of Surgery, Hôpital Cantonal Fribourg, Switzerland Prof. Dr. med. Lukas Krähenbühl
- 2003 Resident Pediatrics, Department of Pediatrics and Pediatric Surgery, Ospedale San Giovanni Bellinzona, Switzerland Prof. Dr. med. Mario Bianchetti, Dr. med. Conrad Müller

Education

2013	FMH Specialty Paediatric Surgery Doctor Medicinae ESIN for unstable femoral fractures: the role of the end caps Prof. Dr. med. Steffen Berger, University of Bern
2002	Medical Diploma, University Hospital Inselspital, Bern, Switzerland

Memberships

SAPS (Swiss Association of Pediatric Surgeons)
CWIG (Chest Wall International Group)
Conseil Départemental de l'Ordre des Médecins de la Ville de Paris
EUPSA (European Pediatric Surgeons' Association)
FMH (Foederatio Medicorum Helveticorum)

Competences

Medical expertise:

- General Pediatric Surgery
- Paediatric Urology
- Minimally invasive paediatric surgery
- Pediatric Traumatology

Special medical expertise:

- Transumbilical surgery
- Paediatric urodynamics
- Conservative and operative treatment of chest wall deformities
- Conservative and operative treatment of ear deformities
- Conservative and operative treatment of paediatric bone fractures

Publications

CDCP1 overexpression drives prostate cancer progression and can be targeted in vivo.

Abdullah Alajati, Mariantonietta D'Ambrosio, Martina Troiani, Simone Mosole, Laura Pellegrini, Jingjing Chen, Ajinkya Revandkar, Marco Bolis, Jean-Philippe Theurillat, Ilaria Guccini, Marco Losa, Arianna Calcinotto, **Gaston De Bernardis**, Emiliano Pasquini, Rocco D'Antuono, Adam Sharp, Ines Figueiredo, Daniel Nava Rodrigues, Jonathan Welti, Veronica Gil, Wei Yuan, Tatjana Vlajnic, Lukas Bubendorf, Giovanna Chiorino, Letizia Gnetti, Verónica Torrano, Arkaitz Carracedo, Laura Camplese, Susumu Hirabayashi, Elena Canato, Gianfranco Pasut, Monica Montopoli, Jan Hendrik Rüschoff, Peter Wild, Holger Moch, Johann De Bono, and Andrea Alimonti. April 2020, **Journal of Clinical Investigation** 130(3) DOI: 10.1172/JCI131133

Fetal Cystoscopy and Vesicoamniotic Shunting in Lower Urinary Tract Obstruction: Long-Term Outcome and Current Technical Limitations. Outcome and Current Technical Limitations.

Vinit N, Gueneuc A, Bessières B, Dreux S, Heidet L, Salomon R, Lapillonne, **De Bernardis G**, Salomon L, Stirnemann JJ, Blanc T, Ville Y. **Fetal Diagn Ther.** 2020;47(1):74-83. DOI: 10.1159/000500569.

Indirect 3D and 4D Printing of Soft Robotic Microstructures.

Carmela de Marco, Carlos C. J. Alcântara, Sangwon Kim, Francesco Briatico, Ahmet Kadioglu, **Gaston De Bernardis**, Xiangzhong Chen, Claudia Marano, Bradley J. Nelson, Salvador Pané. **Adv. Mater. Technol.** 2019, 4, 1900332 DOI: 10.1002/admt.201900332

Elastic stable intramedullary nailing (ESIN) of diaphyseal femur fractures in children and adolescents: A stroke-compliant study.

Frei, Benjamin; Mayr, Johannes; **De Bernardis**, Gaston; Camathias, Carlo; Holland-Cunz, Stefan; Rutz, Erich. **Medicine:** April 2019 - Volume 98 - Issue 14 - pe15085 DOI: 10.1097/MD.00000000000015085

IL-23 secreted by myeloid cells drives castration-resistant prostate cancer. Arianna Calcinotto, Clarissa Spataro, Elena Zagato, Diletta Di Mitri, Veronica Gil, Mateus Crespo, **Gaston De Bernardis**, Marco Losa, Michela Mirenda, Emiliano Pasquini, Andrea Rinaldi, Semini Sumanasuriya, Maryou B. Lambros, Antje Neeb, Roberta Lucianò, Carlo A. Bravi, Daniel Nava-Rodrigues, David Dolling, Tommaso Prayer-Galetti, Ana Ferreira, Alberto Briganti, Antonio Esposito, Simon Barry, Wei Yuan, Adam Sharp, Johann de Bono, Andrea Alimonti. **Nature** volume 559, pages363-369(2018)

Determination of the transition zone by transumbilical, laparoscopically assisted intestinal mapping in Hirschsprung disease. De Bernardis G, Bruder E, Meier-Ruge WA, Ipsen S, Mayr J. **Standardy Medyczne/Problemy Chirurgii Dzieciecej** (2015) T.5 ; 89-91.

Topical Everolimus for Facial Angiofibromas in the Tuberous Sclerosis Complex: A First Case Report. Dill PE, De Bernardis G, Weber P, Lösch U. **Pediatr Neurol.** (2014) Mar 1. pii: S0887-8994(14)00144-1.

Replacement of a string jejunostomy if the suture is lost: a new technique with no need to cut. De Bernardis G., Mayr J. **Surgical Laparoscopy, Endoscopy and Percutaneous Techniques.** (2013)Jun;23(3):360-1.

The treatment of proximal humerus fractures in children. Johannes Mayr, Erich Rutz, Olaf Magerkurt, **Gaston De Bernardis**. **Obere Extremität.** X (2012) 47, E39-E41.

ESIN for unstable diaphyseal femoral fractures in children: the role of the end caps. De Bernardis G., Mayr J. **Standardy Medyczne/Problemy Chirurgii Dzieciecej** (2012) T.2 ; 10-13.

Curious foreign body in the bladder of an adolescent. De Bernardis G., Haecker F.M.. **Journal of Pediatric Surgery.** (2012) Dec;47():39-41



Accreditation

[Clinica Sant'Anna](#)

Specialties

[Paediatrics](#)

[General surgery](#)

Contact

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