

Biography Dr. Julien Bally - CHUV

Dr. Julien Bally was born in Morges and grew up in Geneva, where he earned his medical degree in January 2005. After training in general medicine, he joined the Neurology Department at the Geneva University Hospitals (HUG) in 2009, became a chief resident in 2013, and earned his certification as a neurology specialist in 2014.

In 2010, under the mentorship of Professor Pierre Pollak, a pioneer in deep brain stimulation, Dr. Bally discovered the fascinating field of movement disorders. In 2011, he joined the Abnormal Movements Unit at HUG, which cemented his passion for the discipline. To further enhance his expertise, he completed a clinical fellowship from 2015 to 2017 at the Movement Disorders Research Center of Toronto Western Hospital (Canada) under the direct supervision of Professor Anthony Lang, a globally renowned expert in the field.

Now a specialist in movement disorders (Parkinson's disease, tremors, dystonia, and related conditions), Dr. Bally returned to HUG for three years before reconnecting with his ancestral roots in the Vaud region after an absence of over 40 years. In September 2020, he took over as Deputy Chief of the Abnormal Movements Unit at CHUV.

Clinical Specialties

Dr. Julien Bally specializes in managing complex movement disorders and is well-versed in advanced therapies for patients with these conditions.

His unit offers state-of-the-art treatments, including:

- **Deep brain stimulation** for Parkinson's disease, dystonia, and tremors.
- **Subcutaneous apomorphine infusions** and **intestinal Duodopa infusions** for Parkinson's disease and multiple system atrophy.
- **Botulinum toxin injections** for focal dystonia, blepharospasm, and hemifacial spasms.
- **Lesion surgeries** such as gamma knife and high-intensity focused ultrasound (HIFU) for tremors, in collaboration with the neurosurgery departments at CHUV and Unispital Zürich.

Dr. Bally also collaborates with:

- The pediatric neurology and neurogenetics teams for diagnosing and treating children with abnormal movements.
- The psychogeriatrics team for managing obsessive-compulsive disorder using deep brain stimulation.
- The Siloah Clinic in Bern for the care of patients with Huntington's disease.

Research Focus

Dr. Bally's clinical interests and research focus on:

1. **Enhancing deep brain stimulation (DBS) practices** in Parkinson's disease and dystonia.
2. **Semiological descriptions of rare diseases** to better understand their clinical presentations.
3. **Autonomic dysfunction in Parkinson's disease** and multiple system atrophy.

For the latter, he collaborates with Professor J. Bloch from the Neurosurgery Department and Dr. G. Wuerzner from the Nephrology Department. Dr. Bally also works with international universities, including Toronto (Canada) and Lübeck (Germany), on genetic and electrophysiological studies.