

## PERSONAL INFORMATION

Kolbeinn Gudmundsson

## WORK EXPERIENCE

October 2008–Present

**Chief Medical Officer**

Icelandic Medicines Agency (Iceland)

CHMP member, SAWP member and vice-chair, Clinical assessor

October 2007–Present

**Staff physician**

Icelandic National Hospital (Iceland)

Pediatric Endocrinology

August 2004–April 2008

**Director Clinical trials**

Decode Genetics (Iceland)

Clinical trial design and management but not part of company management or strategic planning (non-executive role)

July 1999–August 2004

**Chief, Pediatric Endocrinology**

Rikshospitalet (Norway)

Pediatric endocrinology

July 1998–June 1999

**Fellow in diabetes**

Joslin Diabetes Center, Boston (United States)

Clinical diabetes care

July 1995–June 1999

**Fellow/Instructor**

Boston Childrens Hospital, Harvard University (United States)

Pediatric endocrinology and diabetes

July 1992–July 1995

**Intern Pediatrics**

University of Connecticut (United States)

Clinical pediatrics

July 1989–June 1992

**Rotating intern/resident**

National health Services (Iceland)

Primary care, surgery, OBGYN, Pediatrics, Internal medicine

## EDUCATION AND TRAINING

August 1979–June 1983

**College**

Menntaskólinn í Reykjavík (Iceland)

August 1983–June 1989

**MD**

University of Iceland (Iceland)

## ADDITIONAL INFORMATION

**Expertise**

- Pediatrics
- Endocrinology
- Diabetes
- Obesity
- Metabolic disorders

**Publications**

1. Gudmundsson K, Majzoub JA, Bradwin G, Mandel S, Rifai. N. Virilizing 21-hydroxylase deficiency: Timing of newborn screening and confirmatory tests can be crucial. *Journal of Pediatric Endocrinology & Metabolism*, 12, 895-901 (1999)
2. Kolbeinn Gudmundsson. Diabetes insipidus, diagnose og behandling. *Pediatrisk Endokrinologi* 2000;14:23-28
3. Robert Bjerknes, Knut Dahl-Jørgensen, Kolbeinn Gudmundsson, P.E. Hæreid, Stein Høyer. Prenatal behandling av 21 hydroxylasesvikt med dexamethason. *Pediatrisk Endokrinologi* 2000;14:64-67.
4. Sagen JV, Raeder H, Hathout E, Shehadeh N, Gudmundsson K, Baevre H, Abuelo D, Phomphutkul C, Molnes J, Bell GI, Gloyn AL, Hattersley AT, Molven A, Sovik O, Njolstad PR. Permanent neonatal diabetes due to mutations in KCNJ11 encoding Kir6.2: patient characteristics and initial response to sulfonylurea therapy. *Diabetes*. 2004 Oct;53(10):2713-8.
5. Hakonarson H, Thorvaldsson S, Helgadóttir A, Gudbjartsson D, Zink F, Andresdóttir M, Manolescu A, Amar DO, Andersen K, Sigurdsson A, Thorgeirsson G, Jonsson A, Agnarsson U, Björnsdóttir H, Gottskalksson G, Einarsson A, Gudmundsdóttir H, Adalsteinsdóttir AE, Gudmundsson K, Kristjánsson K, Hardarson T, Kristinsson A, Topol EJ, Gulcher J, Kong A, Gurney M, Thorgeirsson G, Stefansson K. Effects of a 5-lipoxygenase-activating protein inhibitor on biomarkers associated with risk of myocardial infarction: a randomized trial. *JAMA*. 2005 May 11;293(18):2245-56.

The following 3 articles were published during my active participation in the Norwegian Childhood Diabetes Study Group:

1. Stene, LC, Magnus P, Lie RT, Sövik O, Joner G, The Norwegian Childhood Diabetes Study Group. Maternal and paternal age at delivery, birth order and risk of childhood type 1 diabetes: Population based cohort study. *BMJ*, 7 July 2001, Vol 323.
2. Stene, LC, Magnus P, Lie RT, Sövik O, Joner G, The Norwegian Childhood Diabetes Study Group. No association between Preeclampsia or Cesarean Section and Incidence of Type 1 Diabetes among Children: A large, Population-Based Cohort Study. *Pediatric Research*, Vol. 54, No 4, 2003:487-490.
3. Joner G, Stene, LC, Sövik O, The Norwegian Childhood Diabetes Study Group. Nationwide, Prospective Registration of Type 1 Diabetes in Children Aged < 15 Years in Norway 1989-1998. No increase but significant regional variation in incidence. *Diabetes Care*, Vol. 27, July 2004.

SCIENTIFIC/PRESENTATIONS:

1. Endocrine Society meeting, New Orleans LO, June 1998: CRH deficiency attenuates weight loss independent of effects of food intake. Kolbeinn Gudmundsson, Joseph A. Majzoub.
2. Neuroendocrine Workshop on stress, New Orleans LO, June 1998: Effects of vasopressin null mutation (knock-out) on water balance and hypothalamic-pituitary-adrenal function in mice. Frederick Grant, Kolbeinn Gudmundsson, Christina E. Luedke, Catherine M. Hosley, Laura E. Trask, Joseph A. Majzoub.
3. Second World Congress on Stress, Melbourne, Australia, Oct. 1998

HPA axis regulation in corticotropin-releasing hormone (CRH) gene knockout mice. JA Majzoub, LJ Muglia, L Jacobson, KH Jeong, K Karalis, FD Grant, CE Luedke, K Gudmundsson.

4. The molecular physiology of weight regulation and obesity, The Banbury Center, Cold Spring Harbour, October 1998: CRH-leptin interactions, Kolbeinn Gudmundsson (invited speaker)
5. Endocrine Society meeting, San Diego CA, June 1999: CRH is not necessary for the anorectic and weight reducing effect of leptin. Kolbeinn Gudmundsson, Joseph A. Majzoub.

6. Endocrine Society meeting, San Diego CA, June 1999: Vasopressin null mutation (knock-out) mice demonstrate role of vasopressin in regulation of the hypothalamic-pituitary-adrenal axis. Frederick Grant, Kolbeinn Gudmundsson, W. Taylor Kimberly, Catherine M. Hosley, Christina E. Luedke, Joseph A. Majzoub.
7. European Society of Pediatric Endocrinology (ESPE), August 1999, Warsaw. CRH-deficiency attenuates the obese phenotype of the ob mouse, Kolbeinn Gudmundsson, Allison Carrigan, Joseph Majzoub.
8. Arteriosclerosis, Thrombosis, and Vascular Biology Annual Conference 2007 (ATVB 2007), Chicago. The EP3 receptor for Prostaglandin E2 in Peripheral Arterial Disease. Maria Bjarnadóttir, Thorkell Andresson, Kolbeinn Gudmundsson and Mark Gurney.
9. American Thyroid Association, New York, 2007.  
Incidence, classification and clinical features of thyrotoxicosis in Iceland. A.J. Jóhannesson, A. Gudmundsdóttir, Á. B. Hreiðarsson, B. Þórsson, G. Sigurðsson, G. Valtýsson, Á. V. Þórsson, K. Guðmundsson,  
R. Bjarnason, R. Benediktsson.

#### Projects

#### Memberships

##### CURRENT MEMBERSHIPS:

- Secretary, the Icelandic Endocrine Society since Jan 2008.
- Member Icelandic Medicines Association
- Member European Society of Paediatric Endocrinology

#### Other Relevant Information