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FIELD OF SPECIALIZATION: Anatomy: Macroscopic, microscopic, neuroanatomy, developmental anatomy.

CURRENT RESEARCH:

PUBLICATIONS:

- Books

1. Anatomi Asas dan Klinikal: Anggota Atas
Abdul Hamid & Mohd. Roslan, 1991 (*Dewan Bahasa dan Pustaka*).
2. Anatomi Umum
Abdul Hamid, 1992 , 1994, 1999 (*Dewan Bahasa dan Pustaka*).
3. Anatomi Asas dan Klinikal: Pelvis & Perineum
Abdul Hamid, 1994 (*Dewan Bahasa dan Pustaka*).

- Journals

1. K.H.H.Nwe, Azman A., P.B.Morat, A. Hamid and B.A.K. Khalid. (1998) The effects of cyproterone acetate on 11β -hydroxysteroid dehydrogenase activity in rat testis. *Asia Pacific J. Pharmacol.* 13 : (1) , S20.
2. K.H.H. Nwe, P.B. Morat, A. Hamid, S. Fadzilah and B.A.K. Khalid. (1999) Novel effects of deoxycorticosterone on testicular 11β -hydroxysteroid dehydrogenase activity and plasma testosterone levels in normal and adrenalectomized rats. *Experimental and Clinical Endocrinology and Diabetes.* 107: 288-294.
3. K.H.H. Nwe, A. Hamid, P.B. Morat and B.A.K. Khalid. (2000a) Differential regulation of the oxidative 11β -hydroxysteroid dehydrogenase activity in testis and liver. *Steroids.* 65 : 40 - 45.
4. K.H.H. Nwe, A.W. Norhazlina, A. Hamid, P.B. Morat and B.A.K. (2000b) In vivo effects of stress, ACTH and corticosterone on testicular 11β -hydroxysteroid dehydrogenase oxidative activity in rats and the possible mechanism of action. *Experimental and Clinical Endocrinology and Diabetes.* 108 : 369- 377.

5. K.H.H. Nwe, A. Hamid, A.W. Norhazlina, P.B. Morat and B.A.K (2000c)
Relationship between plasma testosterone levels and testicular 11 β -hydroxysteroid dehydrogenase oxidative activity in some treatments. *Journal of the Asean Federation of Endocrine Societies*. 18 : (1), 6-13.
6. A.W. Norhazlina, K.H.H. Nwe, A. Hamid, P.B. Morat and B.A.K (2000d). Opposite effects of gonadotrophins on 11 β -hydroxysteroid dehydrogenase oxidative activity in rats testis. *Journal of the Asean Federation of Endocrine Societies*. 18 : (1),28-31
7. D.Damayanthi, K.H.H.Nwe, A. Hamid, A.H.K.Aminuddin, A.B. Azman, (200), The effects of *Smilax myosotifolia* on rat testicular 11B-hydroxysteroid dehydrogenase oxidative activity and plasma testosterone levels in the presence and absence of deoxycorticosterone., *Asia Pacific Journal of Pharmacology*, 15: S 63, 02.
8. Norhazlina A.W., K.H.H. Nwe, Jamilah J., A. Hamid & Khalid B.A.K., (2000), The effects of Tongkat Ali (*Eurycoma longifolia*) on testicular 11B-hydroxysteroid dehydrogenase oxidative activity involve glucocorticoid receptors. *Asia Pacific Journal of Pharmacology*, 15: S 61, 02.
9. A.S. Nuraliza, K.H.H. Nwe, P.B. Morat, A. Hamid, B.A.K. Khalid, (2001), Testicular 11B-hydroxysteroid dehydrogenase oxidative activity and plasma testosterone levels in normal rats treated with *Smilax calophylla* and deoxycorticosterone, *Asia Pacific Journal. of Pharmacology*, 15: S 62, 02.
10. Nuraliza A.S., Khatiza H. H. N, Morat P. B., Hamid A. H. and Khalid B. A. K. (2006).The effects of Somlax calophylla on the testicular 11 beta- hydroxysteroid dehydrogenaseOxidative activity and plasma testosterone levels in rats. *Biomedical Research*. 17 (1): 55-59.

- Conference proceedings

1. Khatiza H. H. Nwe,Rodziah B.A.B.,Norhazlina AW., Damayanthi D, Morat, P.B, Hamid. (2003) The main source of oestradiol and the mechanism y which glucocorticoid increased it in male rats. *5th Research week , HUKM.*, 19th –26th July, PL , 1., 11.
2. Hamzah F.H, Hamid A.R, New K.H.H and Khalid B.A.K. (2003). Tocotrienol-rich Palm oil vit E increased testicular 11-beta hydroxysteroid dehydrogenase enzyme activity and plasma testosterone but lower plasma cortisone levels in male rats. *8th. National Conference of medical Sciences*. 8-9 May 2003. P128.
3. Hamzah F.H, Hamid A.R, New K.H.H and Khalid B.A.K. (2003). The effect of vit E Deficiency and tocotienol-rich fraction palm oil vit E supplementation on epididymal

sperm parameters and sperm morphology. *1st joint Meeting of the European Association of Clinical Anatomist (EACA)- American Association of Clinical Anatomist (AACA). Graz, Austria. 8-12, July, 2003. P 188.*

4. Hamid A.R, Hamzah F.H, New K.H.H and Khalid B.A.K. (2003). The morphological effect of vit E deficiency and supplementation of tocotrienol-rich fraction palm oil vit E on spermatogenesis and male accessory sex organs. *1st joint Meeting of the European Association of Clinical Anatomist (EACA)- American Association of Clinical Anatomist (AACA). Graz, Austria. 8-12, July, 2003. P 1*

5. Khatiza H. H. New, Norhazlina A. W, Artina A Rahim, Hamid A Rashid. (2004). Changes in the effects of cortistirone with different doses on testicular 11 β -hydroxysteroid dehydrogenase and plasma testosterone levels in adrenalectomized rats. *International Biomedical Science Conference. Kunming, China. 3-7, December, 2004. P 91.*

6. Hamzah F. H., Hamid A. R., Khatiza H. H.N.. (2004). The effect of vitamin E deficient diet supplemented with tocotrienol-rich palm oil vitamin E on plasma testosterone, corticosterone and testicular 11 β -hydroxysteroid dehydrogenase enzyme activity in rat. *International Biomedical Science Conference. Kunming, China. 3-7, December, 2004. P 89.*

7. Nuraliza A.S., Khatiza H. H. N, Morat P. B., Hamid A. H. and Khalid B. A. K. (2006) The effects of Somlax calophylla and estradiol on plasma testosterone levels in male rats. Twentyfirst Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP). USM Health Campus, 24-25 April, 2006. P: 40.

8. Hamzah F. H., Hamid A. R., Khatiza H. H. N, Khalid B. A. K. (2006). The effect of tocotrienol-rich palm oil vitamin E supplementation and vitamin deficient diet on testicular 11 beta-hydroxysteroid dehydrogenase enzyme activity, plasma testosterone and corticosterone levels in the male rats. *Micronutrients, oxidative stress and the environment, 6th ASEAN/MALAYSIA international workshop,*

Kuching, Sarawak, Malaysia. June/July, 2006. P 89.

9. Hamzah F. H., Hamid A. R., Khatiza H. H. N, Khalid B. A. K. (2006). The effect of tochtotrienol –rich palm oil vitamin E supplementation and vitamin E deficient diet on epidermal sperm concentration and vas deference contraction. *Micronutrients, oxidative stress and the environment, 6th ASEAN/MALAYSIA international workshop, Kuching, Sarawak, Malaysia. June/July, 2006. P 90.*

10. Chun Keat N., uraida M., Lay Hui N., Nor Zahira M and Hamid A. R. (2006). Surgical Anatomy of thyroid isthmus agenesis. *International Conference on Exploring new frontiers in Medicine and Health. Kuala Lumpur, 1st-2nd Aug. 2006. P 105.*

TEACHING: Undergraduate medical, postgraduate candidates